

Fig.1A

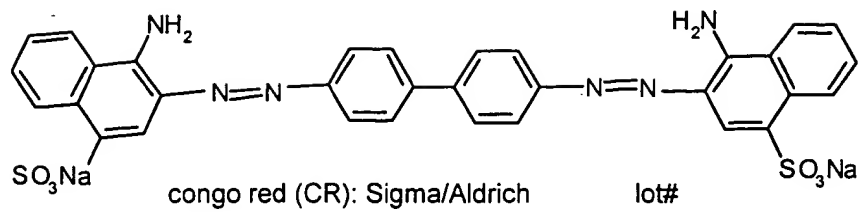


Fig.1B

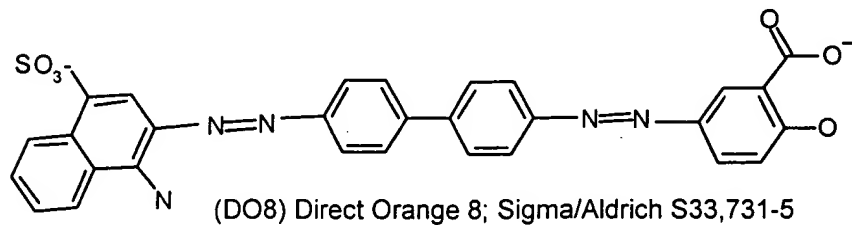


Fig.1C

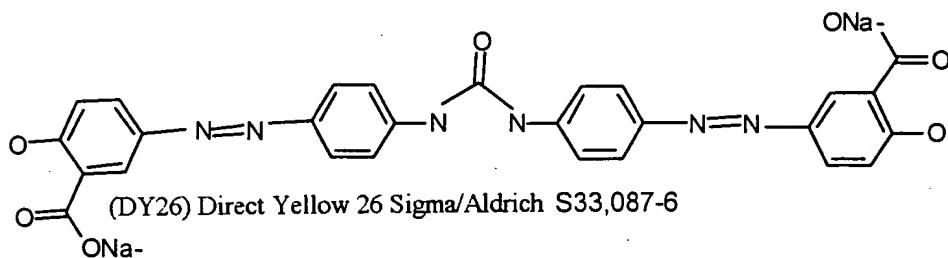


Fig.1D

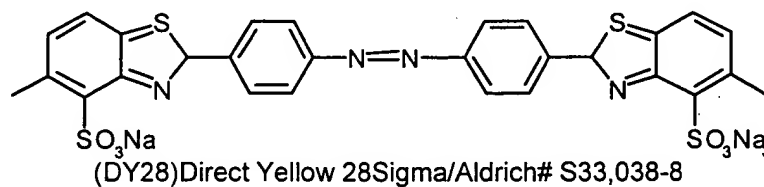


Fig.1E

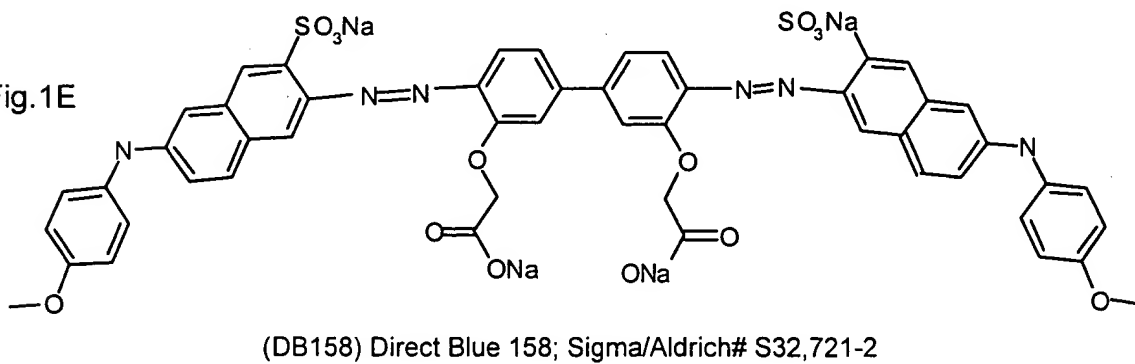


Fig.1F

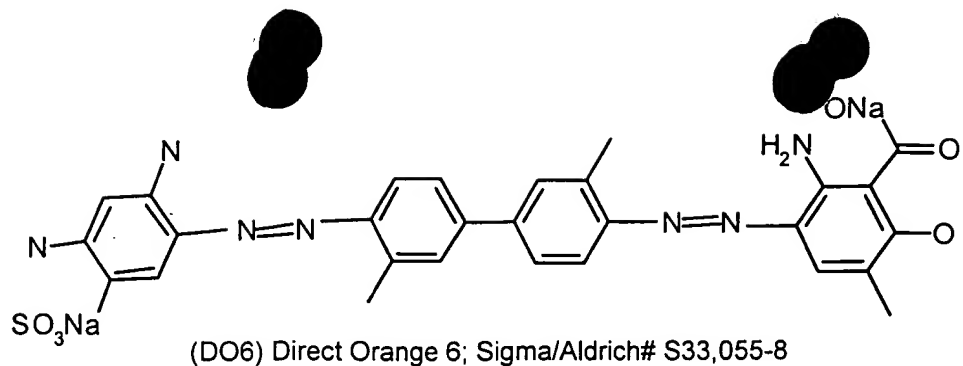


Fig.1G

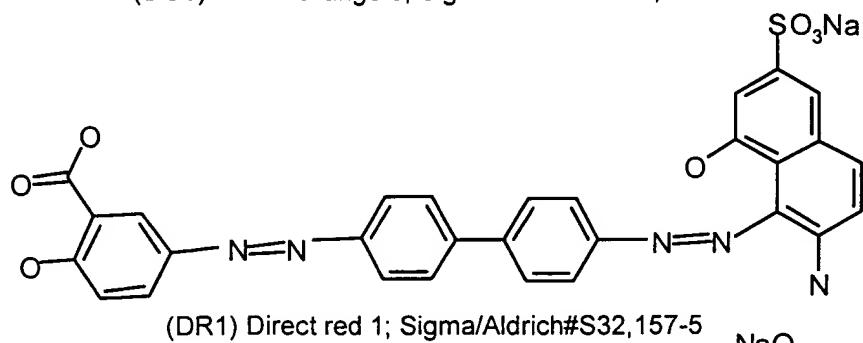


Fig.1H

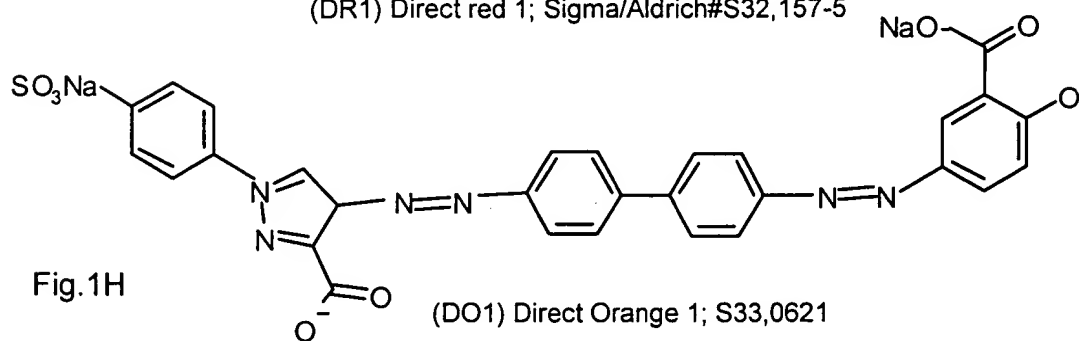
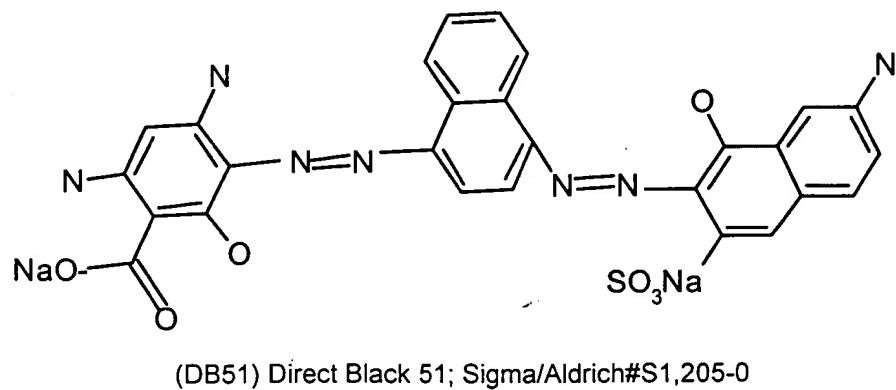


Fig.1I



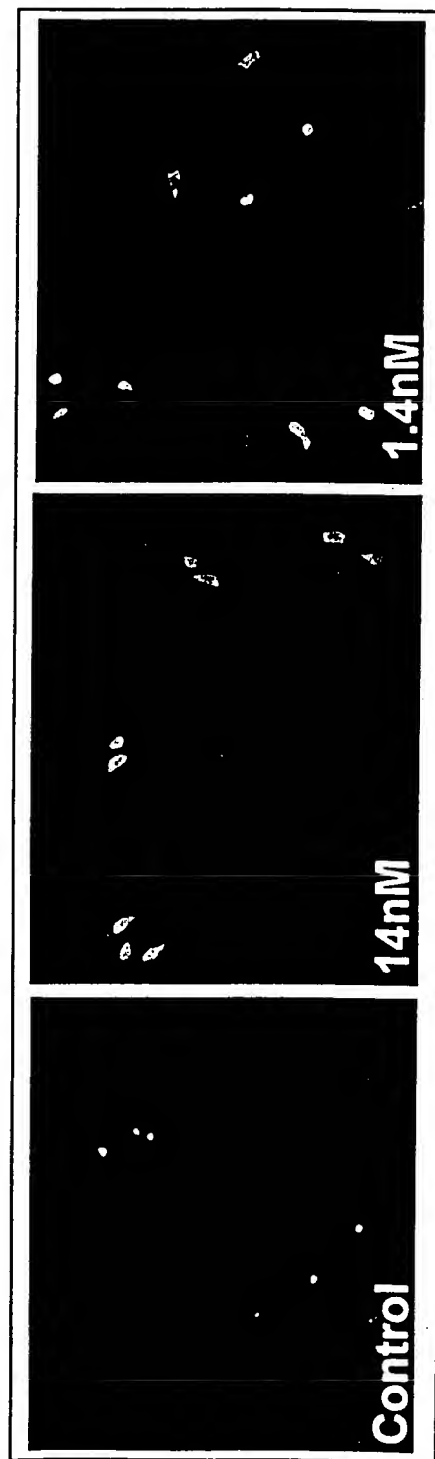
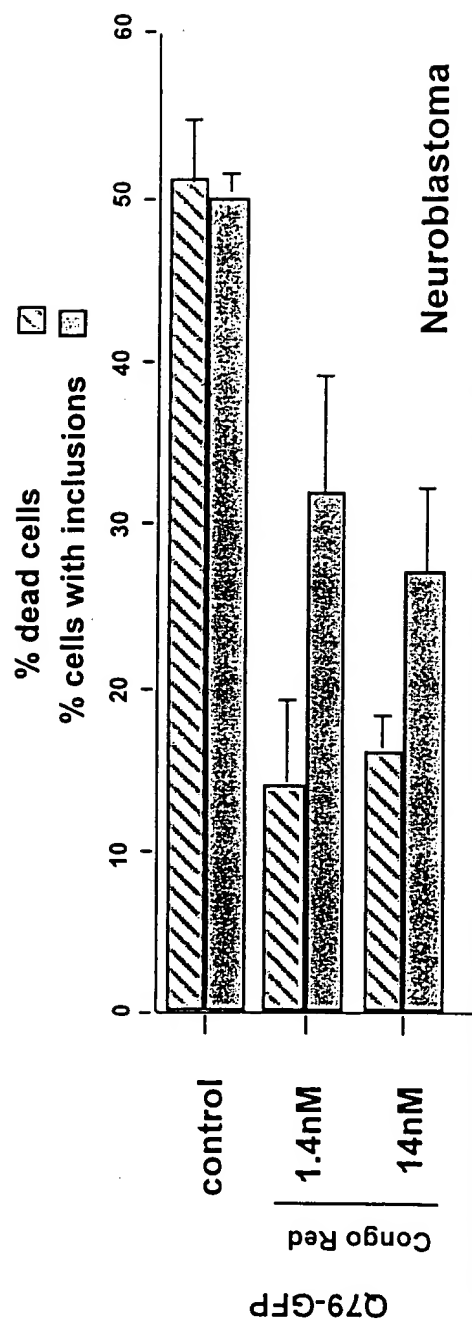


Fig.2B

Fig.2C

Fig.2D

Fig.3A



Fig.3B



Fig.3C



Q79-GFP



Fig.3D

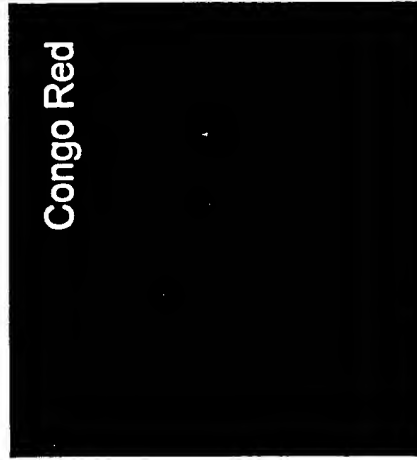


Fig.3E



Fig.3F

Fig. 4A

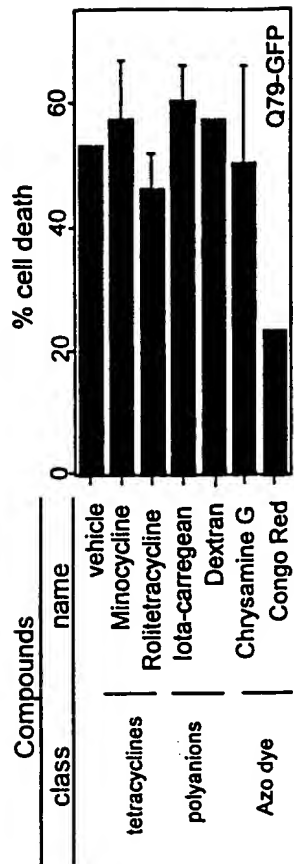
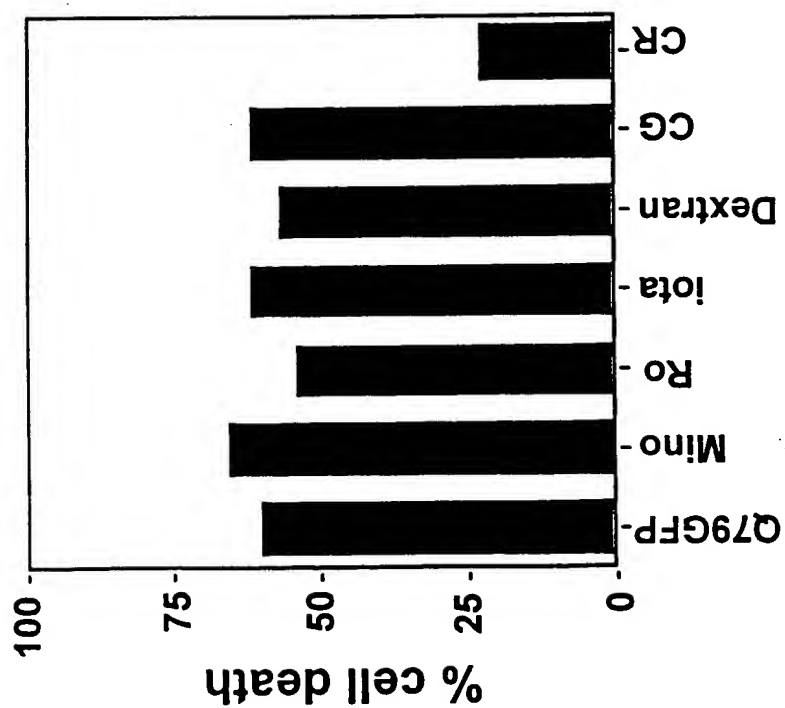


Fig.4B

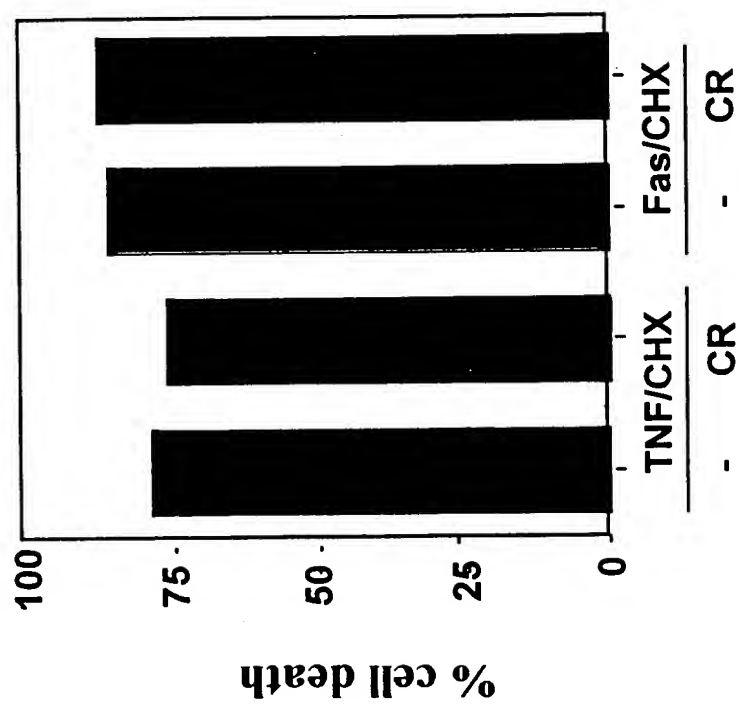
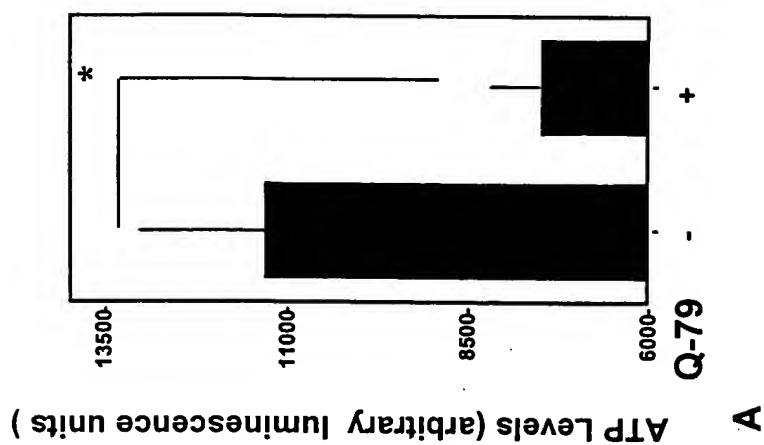


Fig.5A



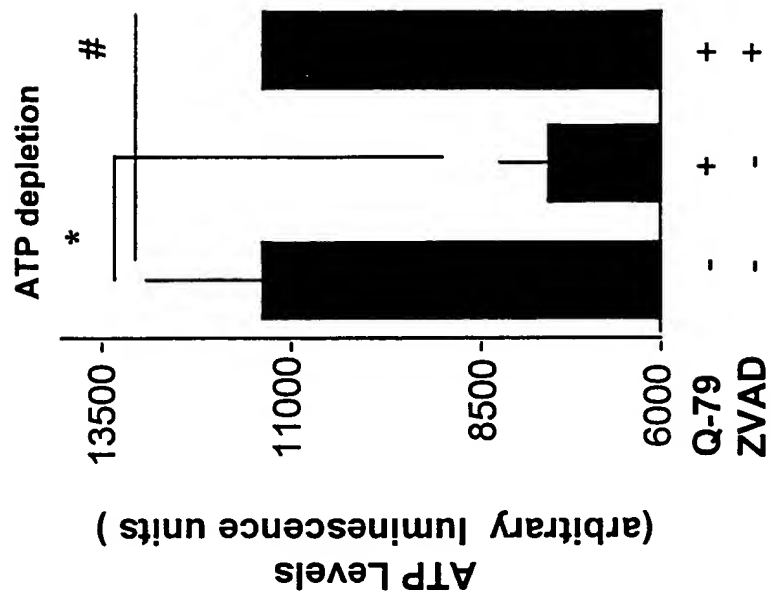


Fig. 5B

Fig. 5C Q79 = 0.4062360

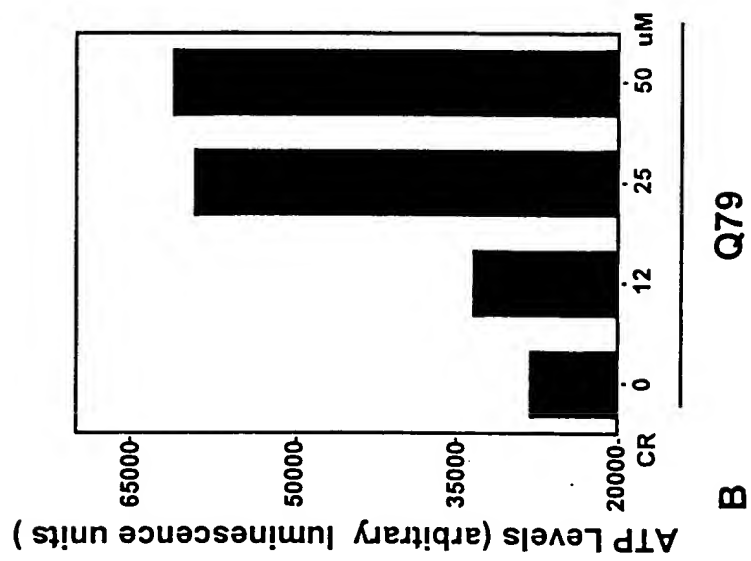
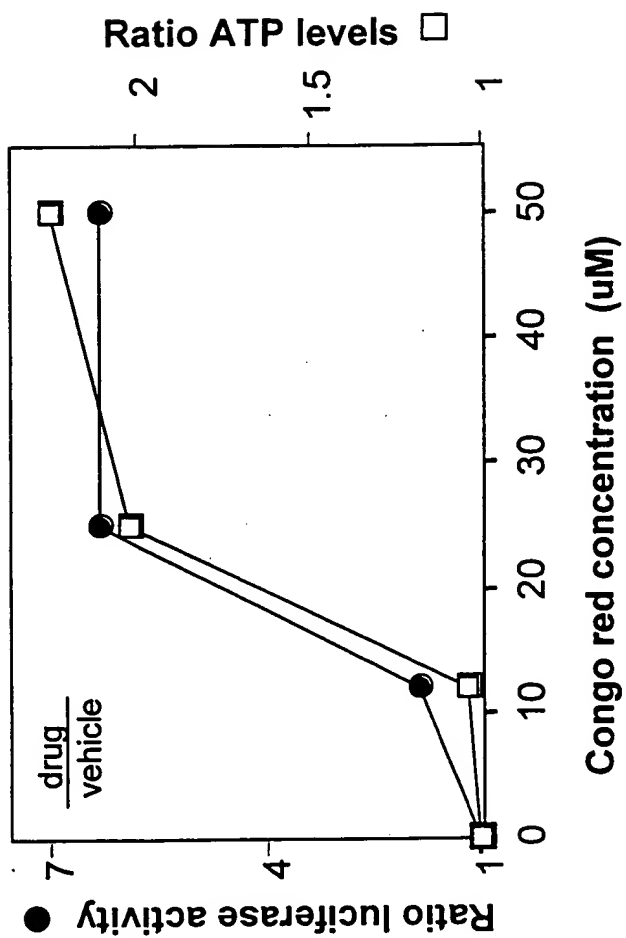


Fig. 5B



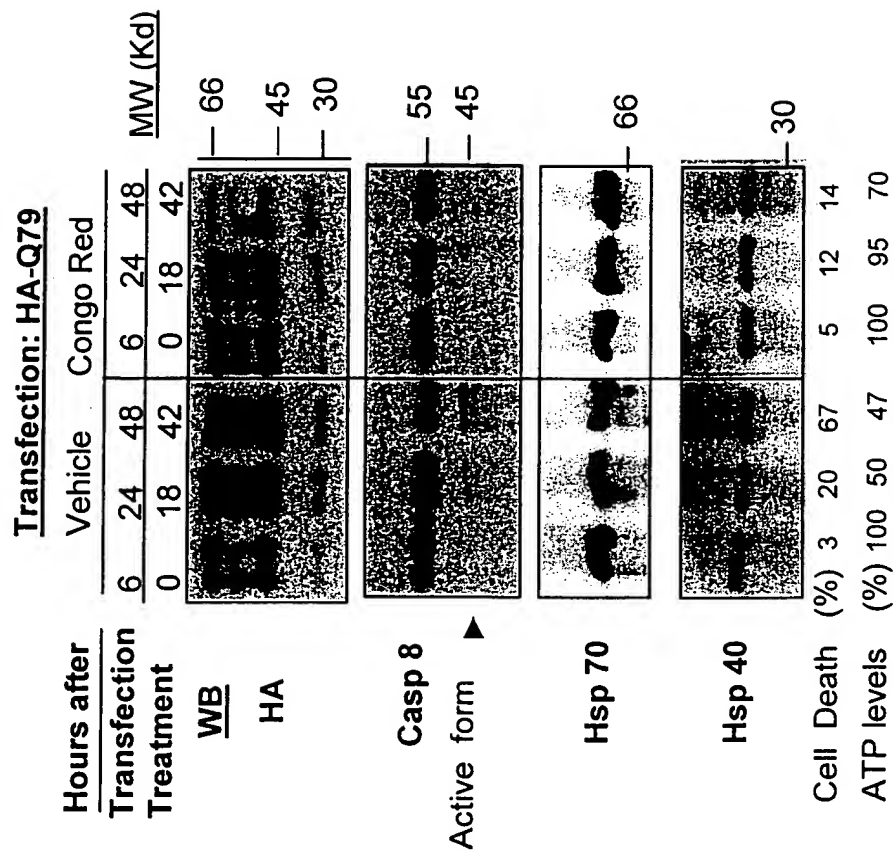


Fig. 5G

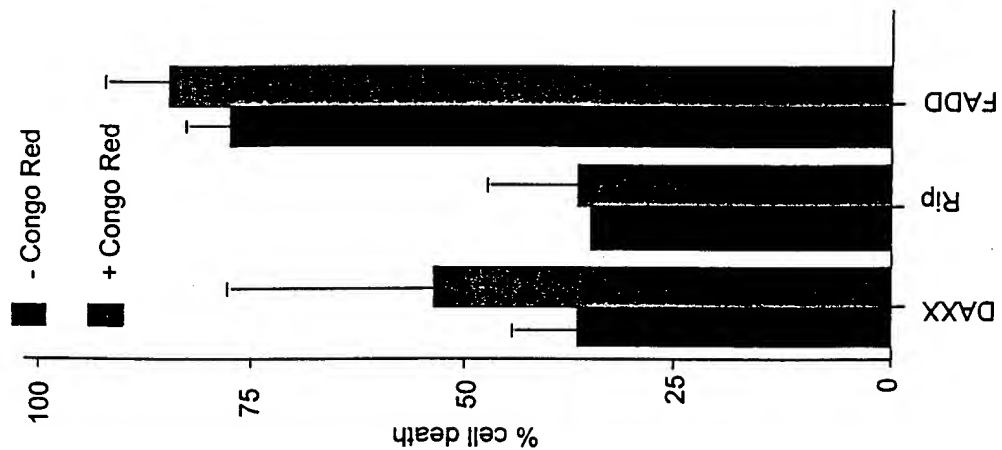


Fig. 5F

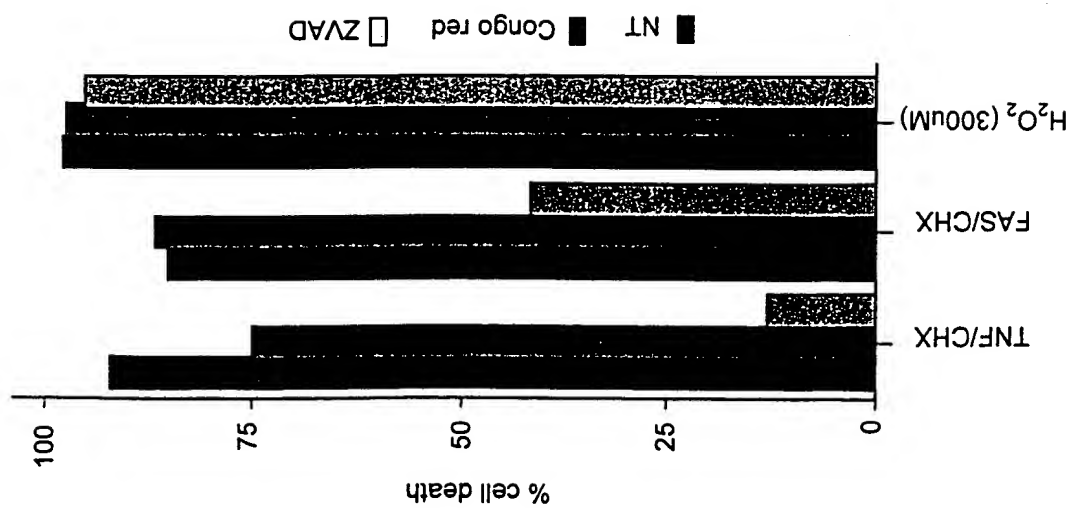
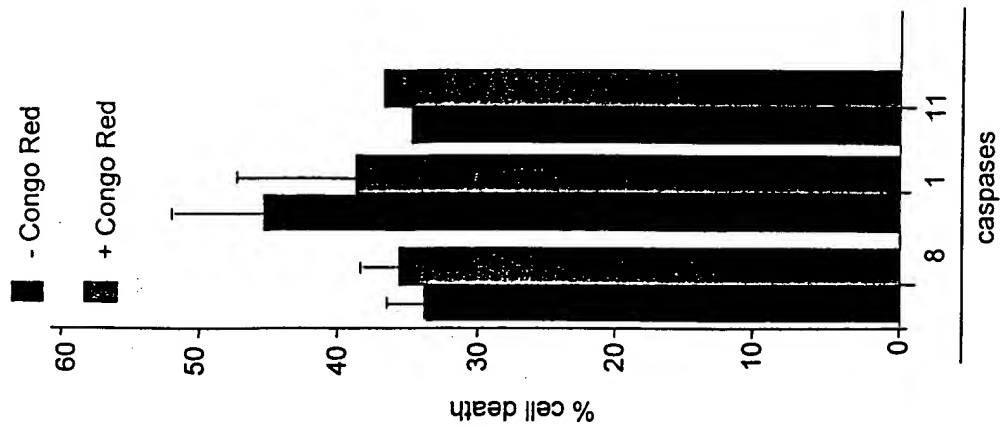


Fig. 5H



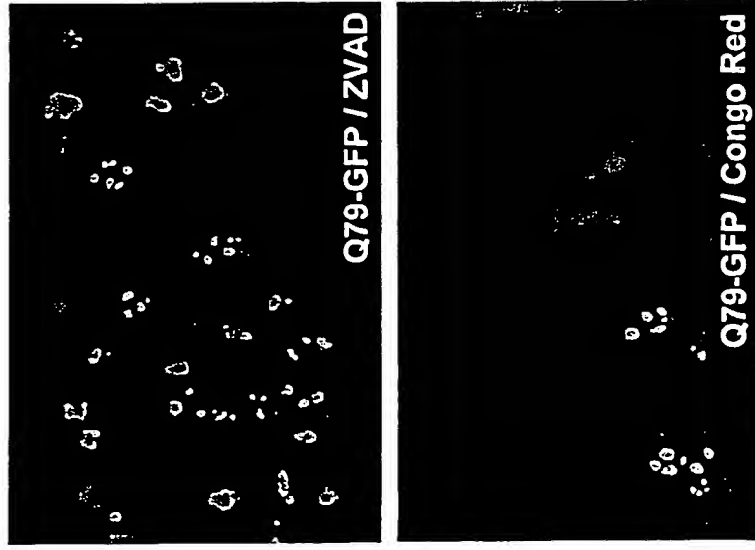


Fig. 5I

Fig. 6A

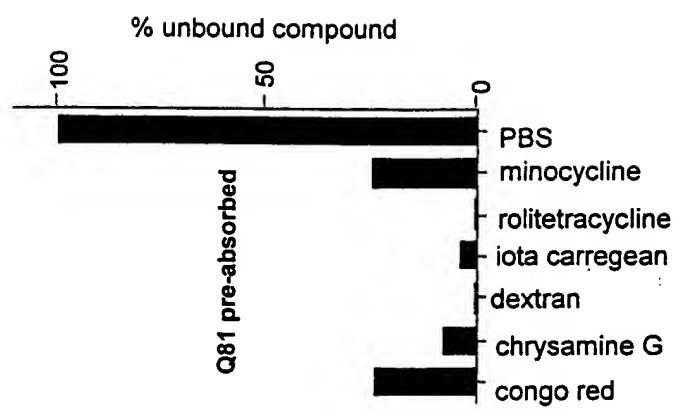


Fig. 6B

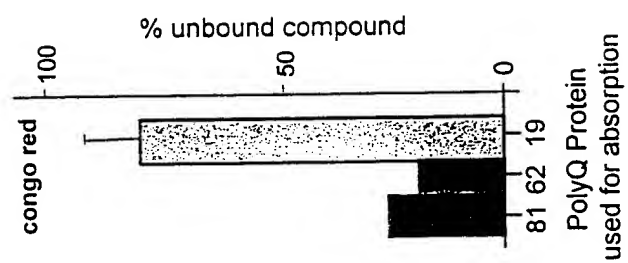


Fig. 6C

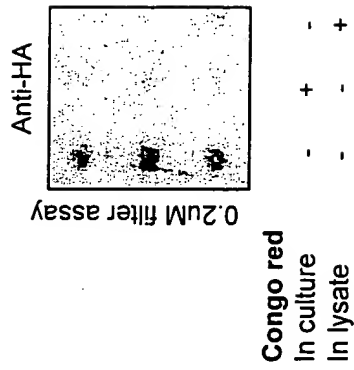
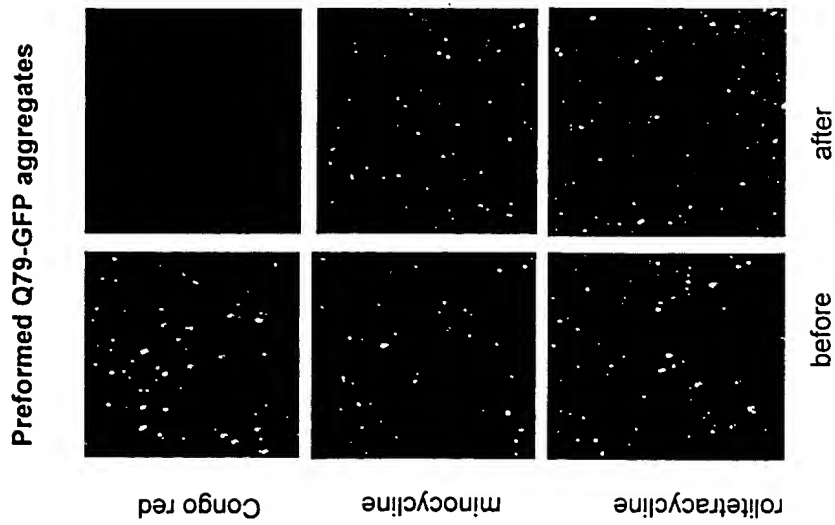


Fig. 6D

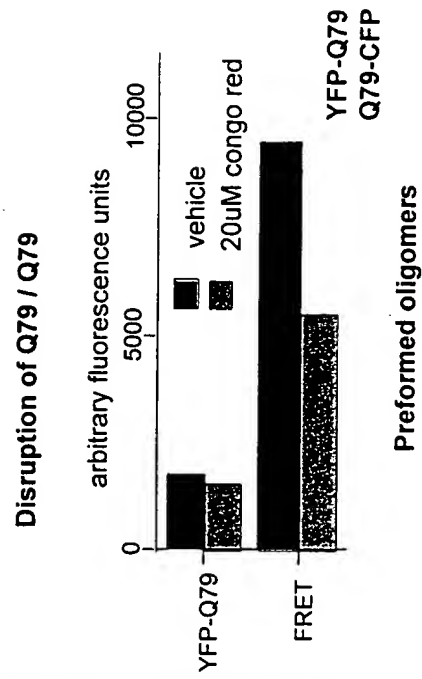
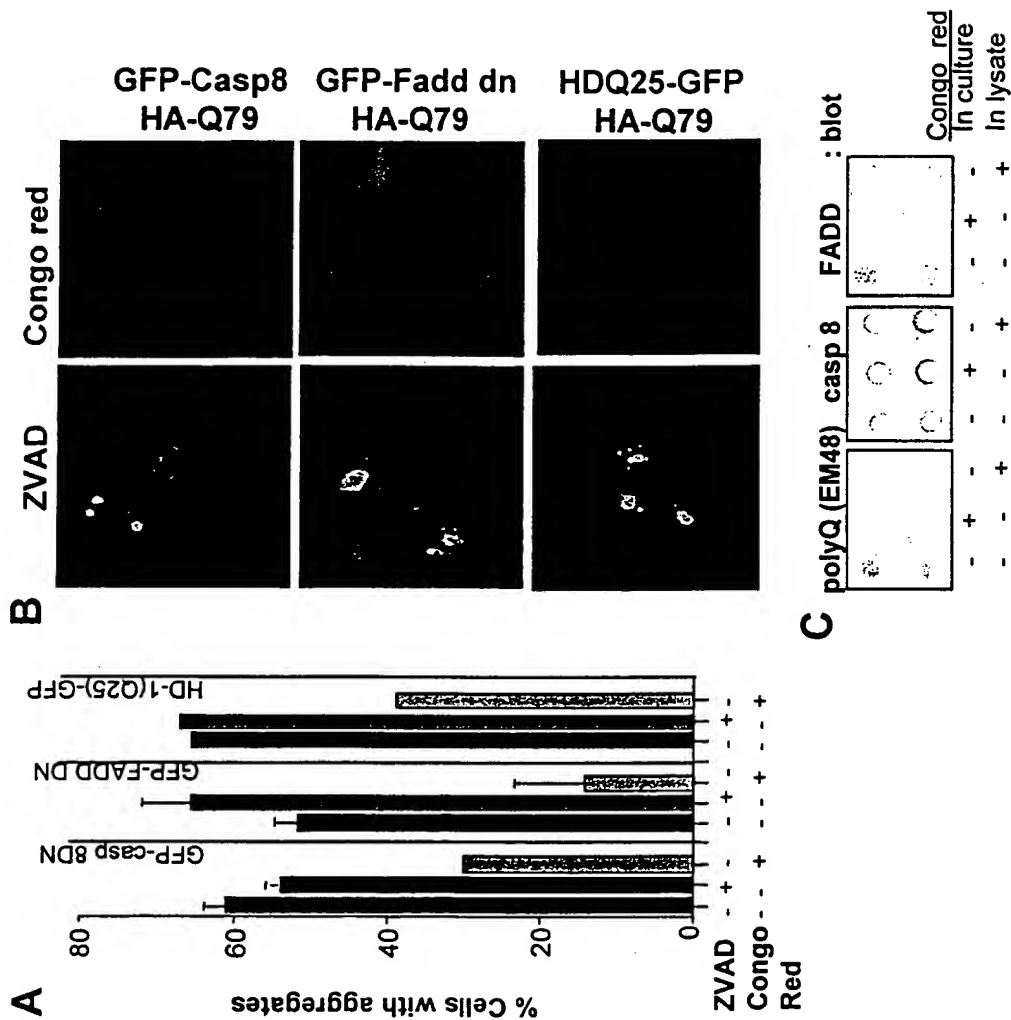


Fig. 6E

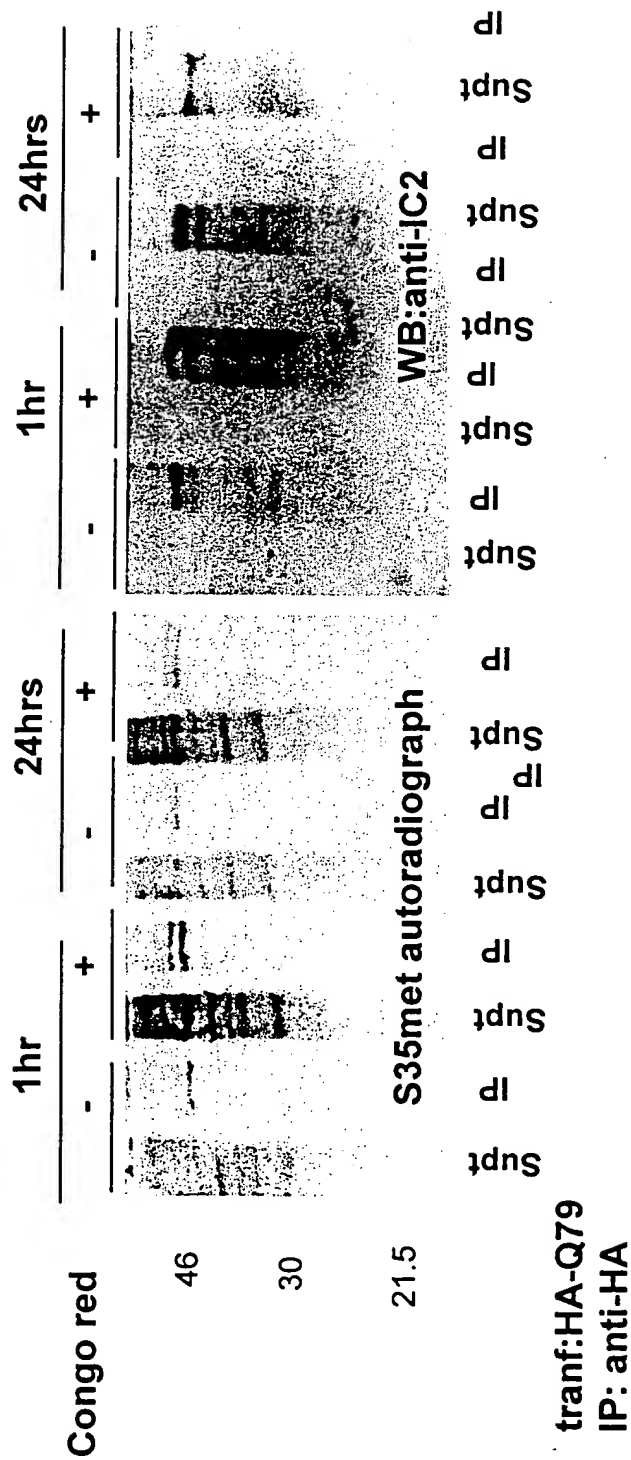


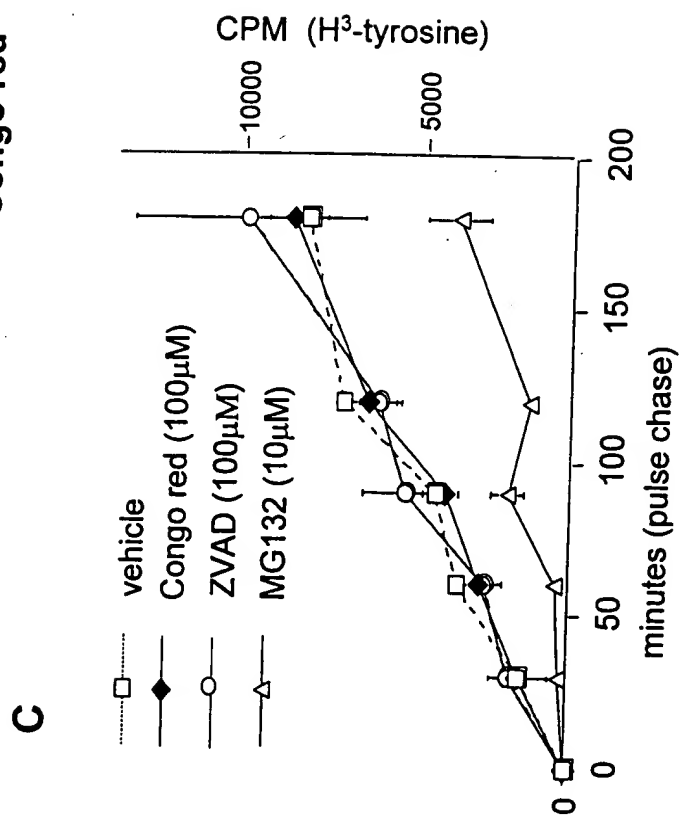
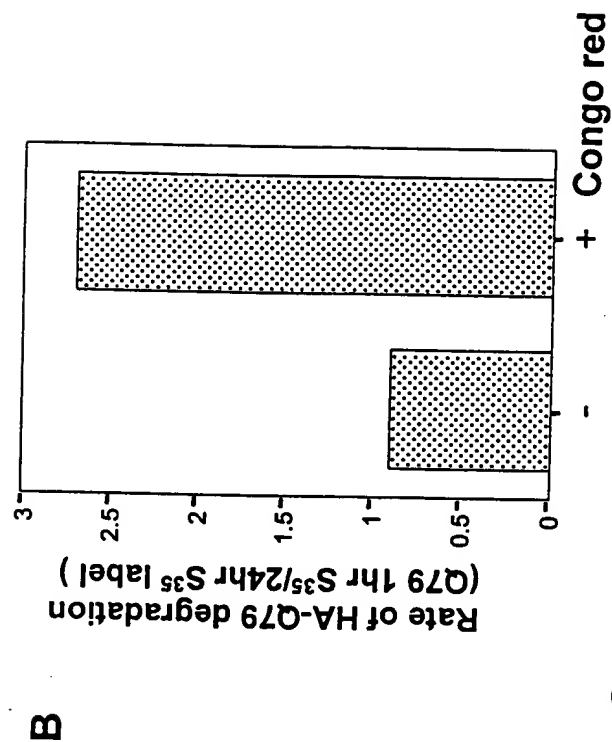
Figs. 7A-C

Fig. 8A

S35 labeled 24hrs after transfection

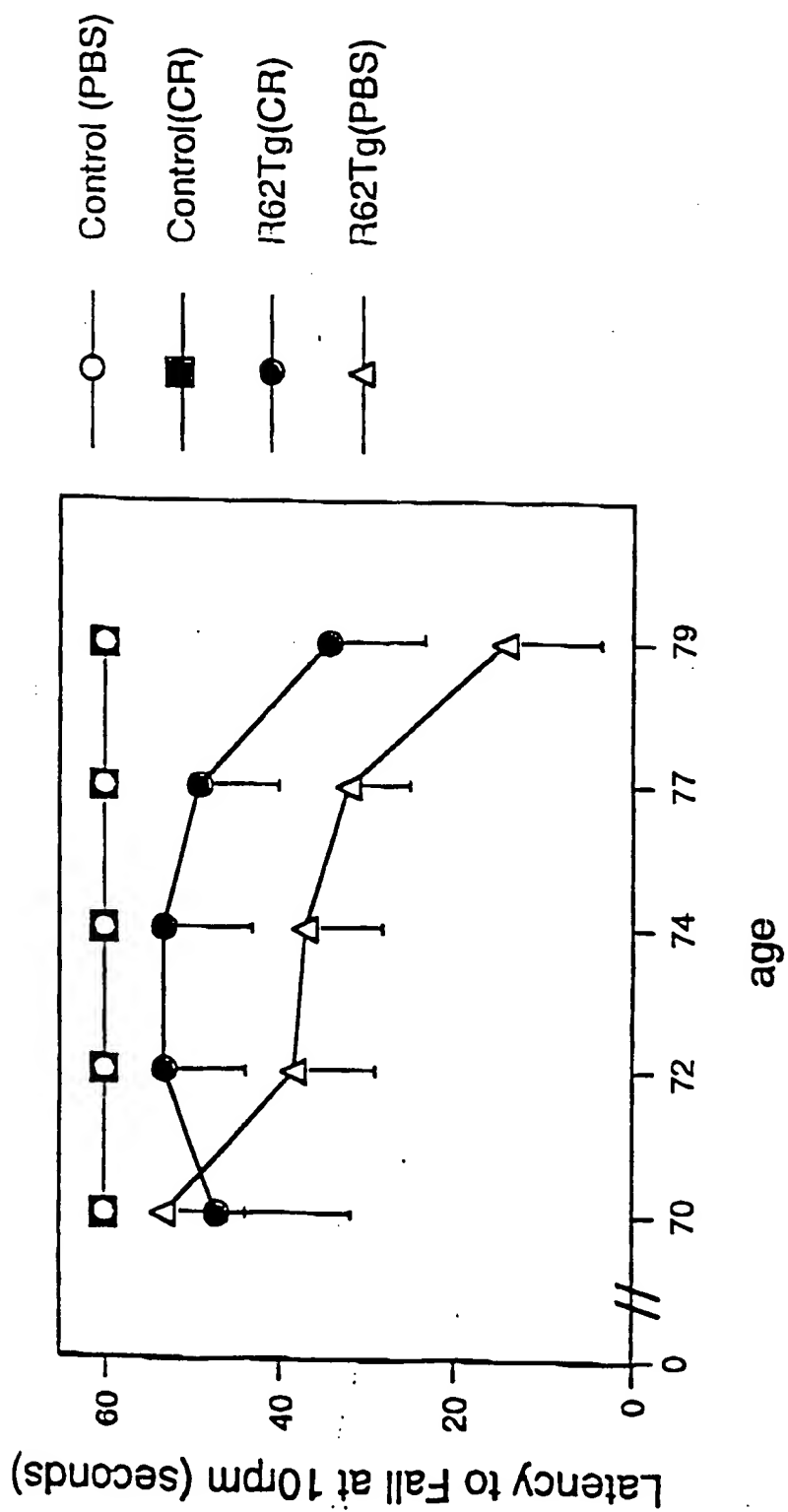
Harvest time after S35 labeling:

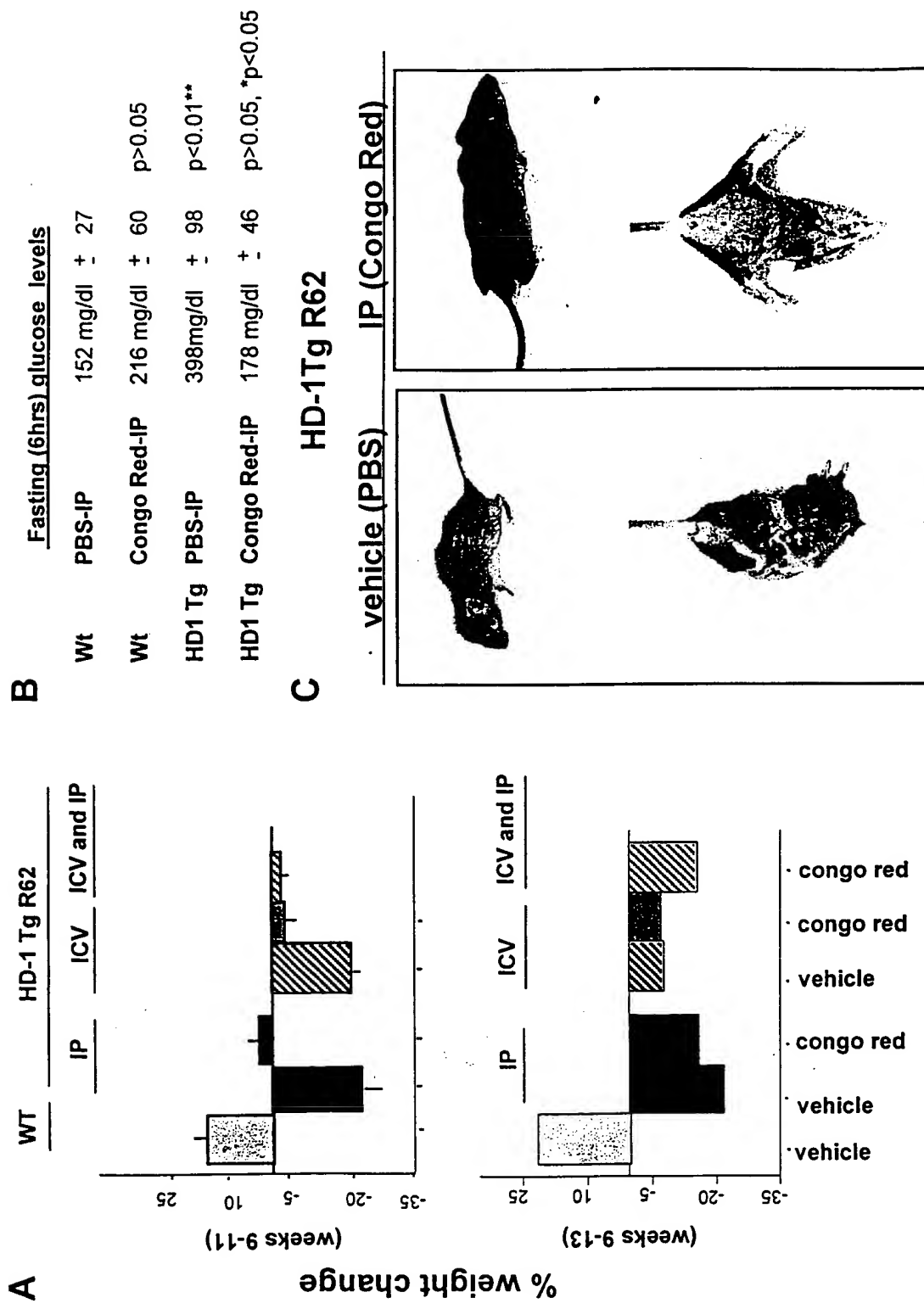




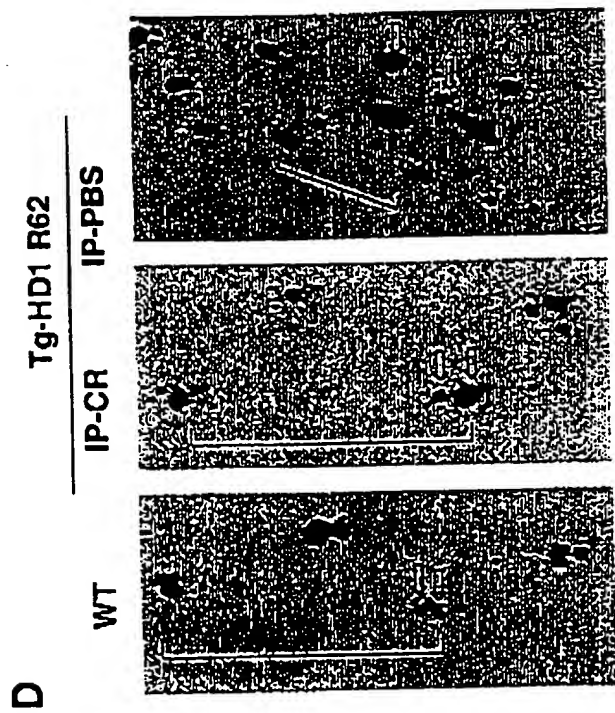
Figs. 8B & 8C

Fig. 9



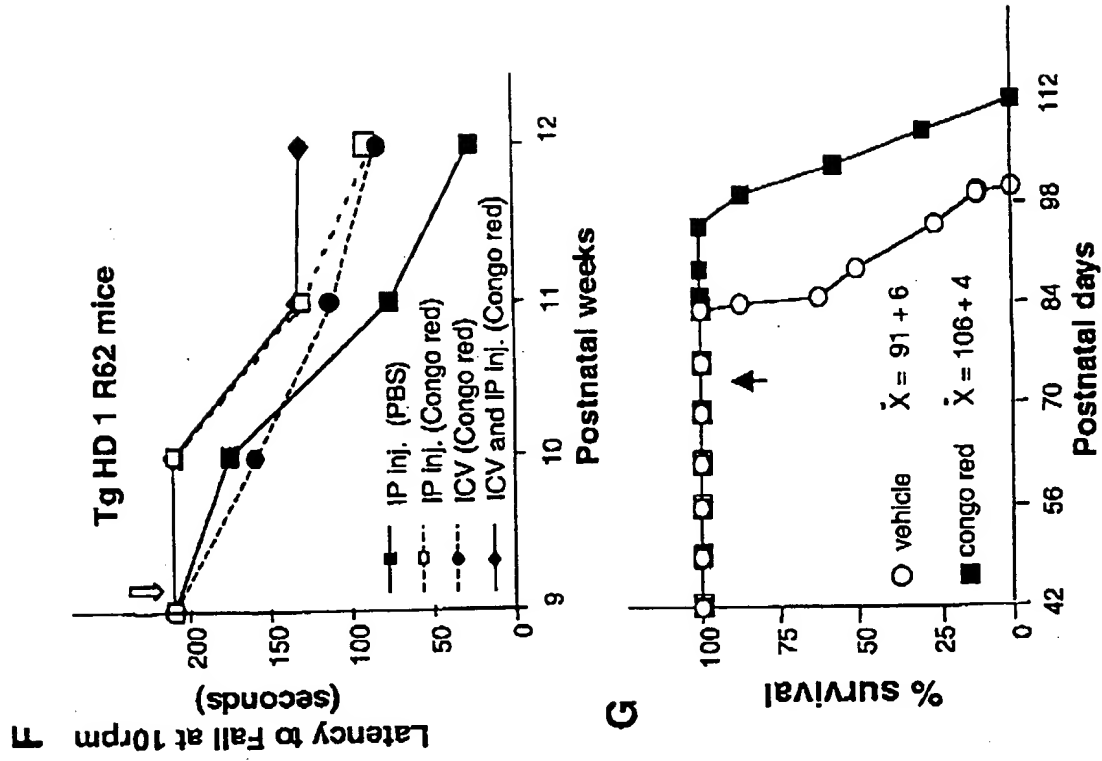


Figs. 10A - 10C



E

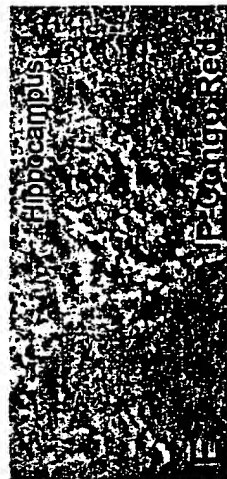
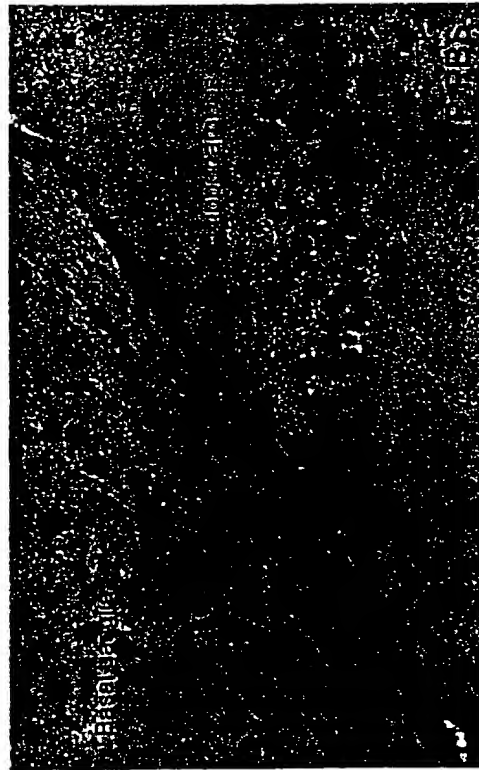
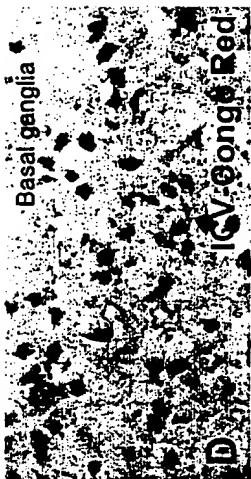
<u>Tg-HD1 R62-IP inj</u>			
	vehicle	Congo red	
	-46%	-17 %	p<0.01
Stride:			



Figs. 10D - 10G

Tg HD-1 R62

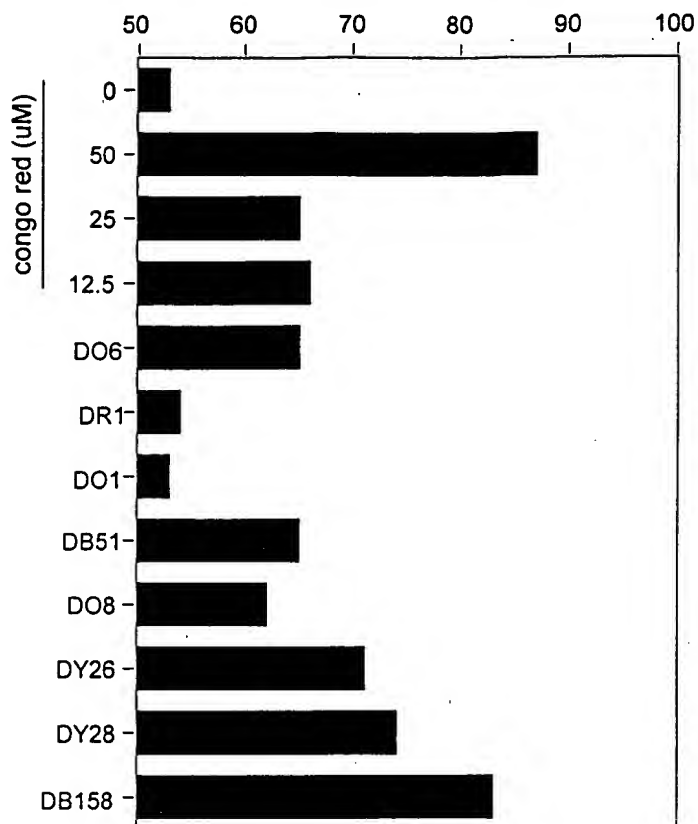
12.5 postnatal weeks



Figs. 11A-11F

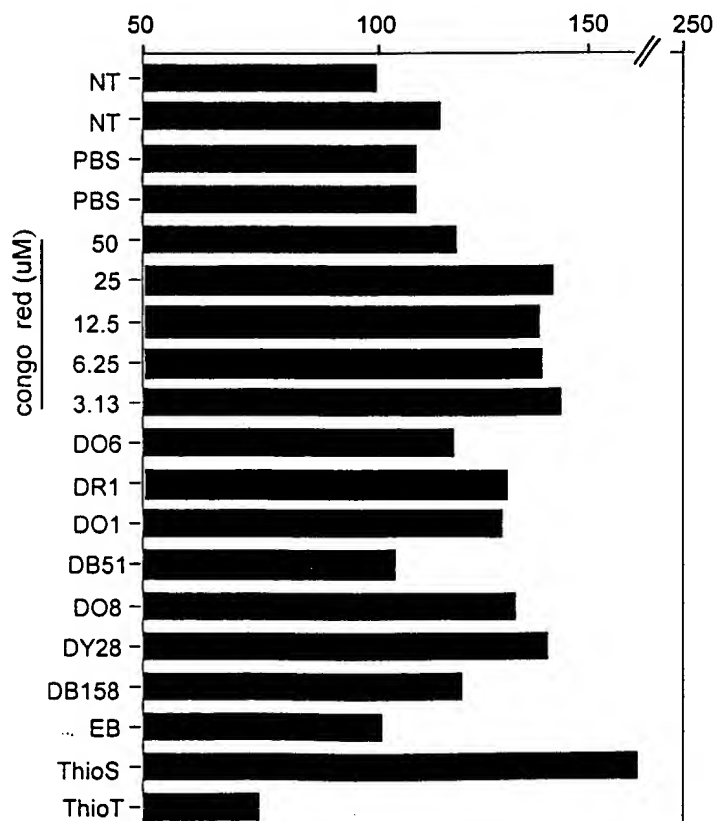
A

% p levels compound treated (Q79) / (GFP)



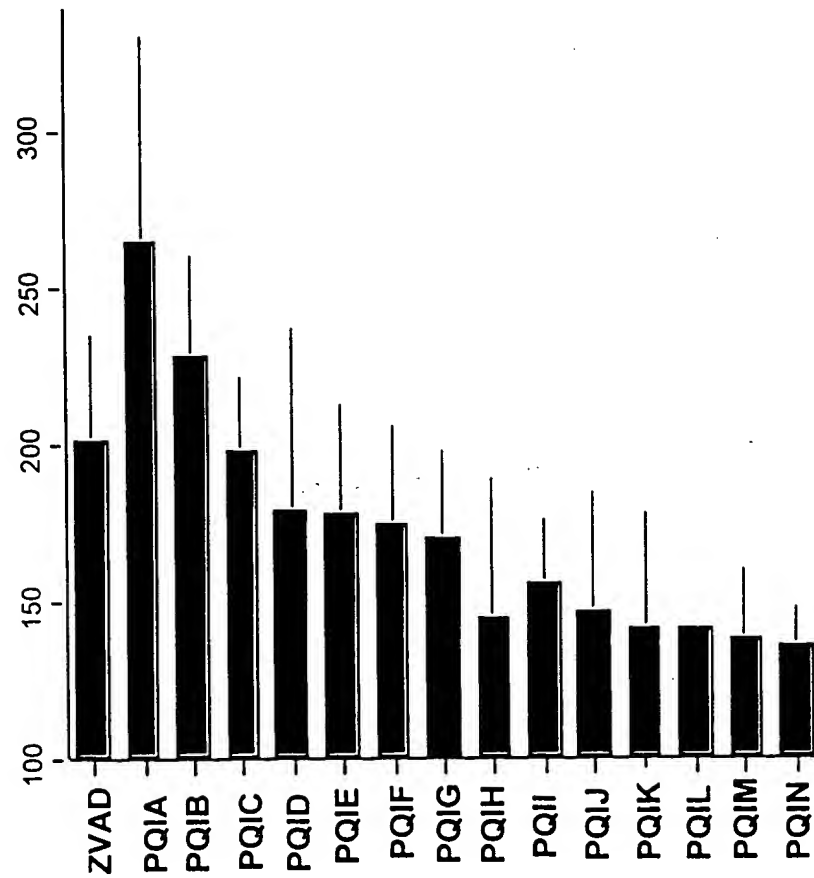
B

% luciferase activity Q79 (compound/vehicle)

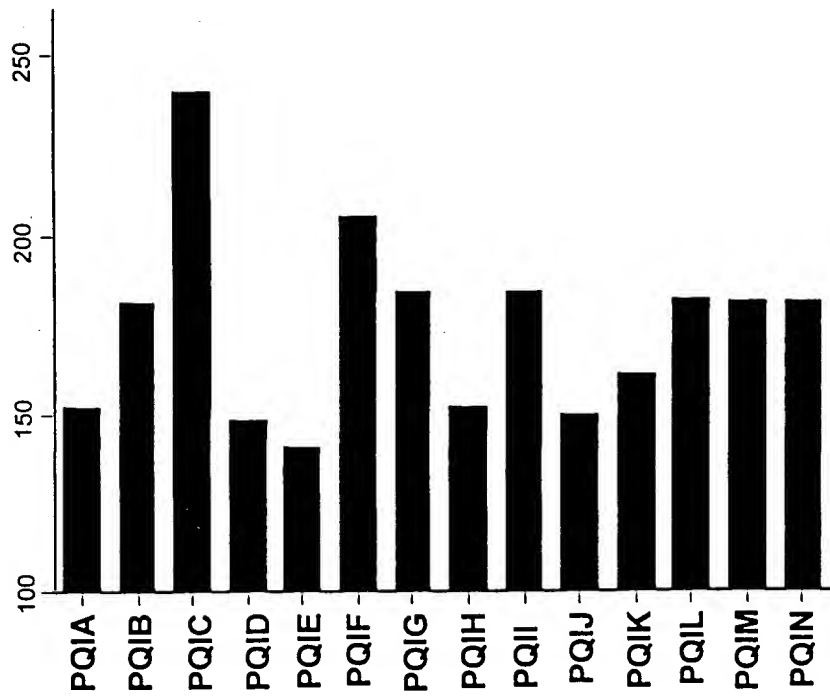


Figs. 12A & 12B

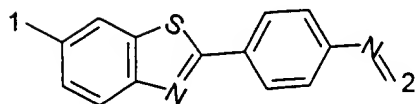
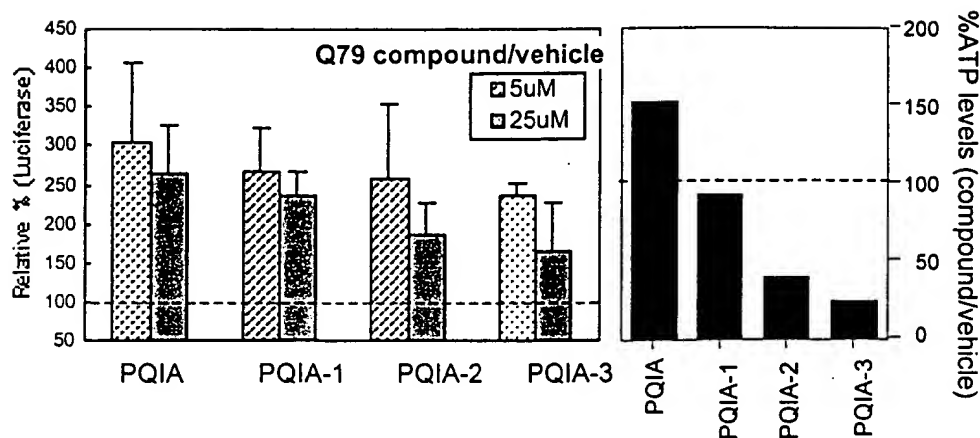
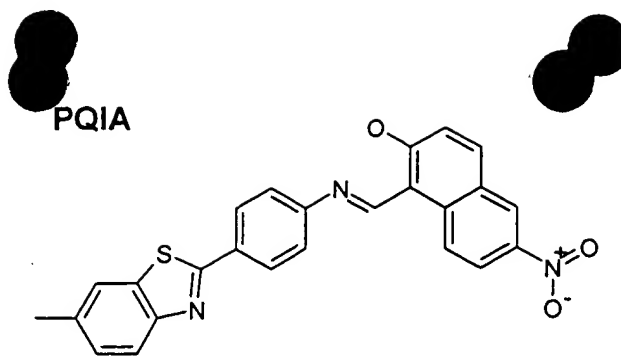
A. % Luciferase activity Q79 (compound/vehicle)



B. %ATP levels Q79 (compound/vehicle)



Figs. 13A & 13B



PQIA

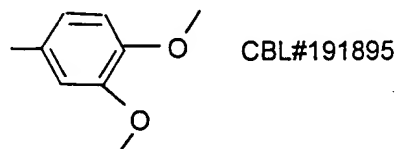
PQIA : 1=CH₃ 2=

CBL#250313

PQIA-1 : 1=H 2=

CBL# 250329

PQIA-2 : 1=CH₃, 2=



PQIA-3 : 1=CH₃ 2=

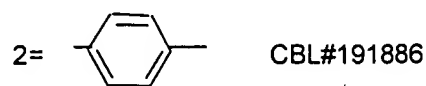


Fig. 14A

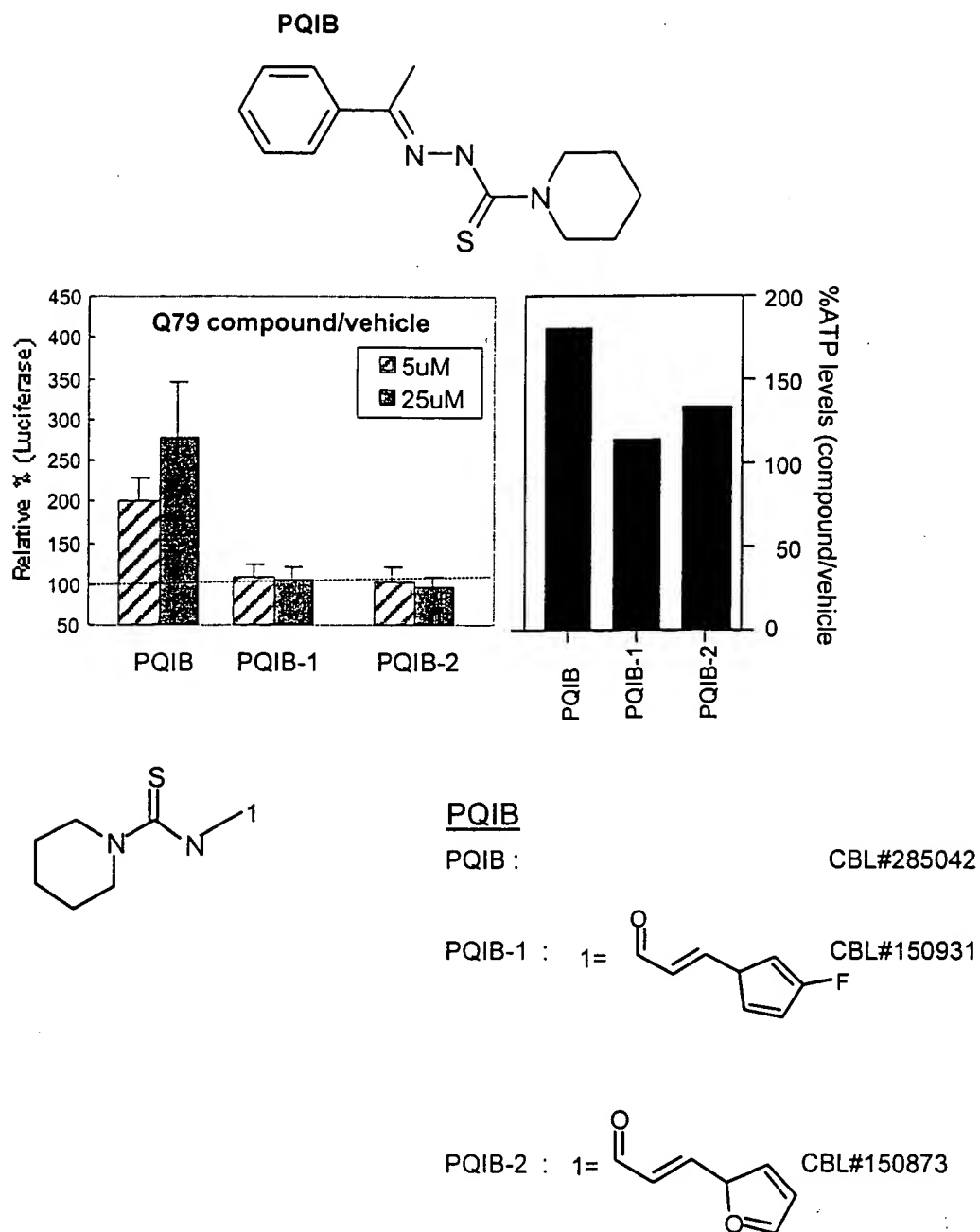
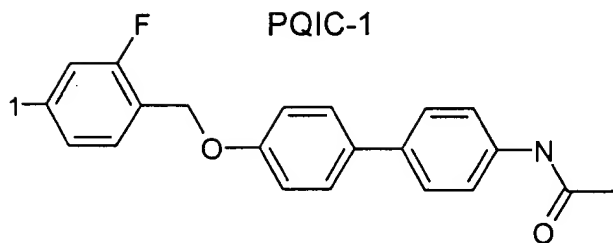
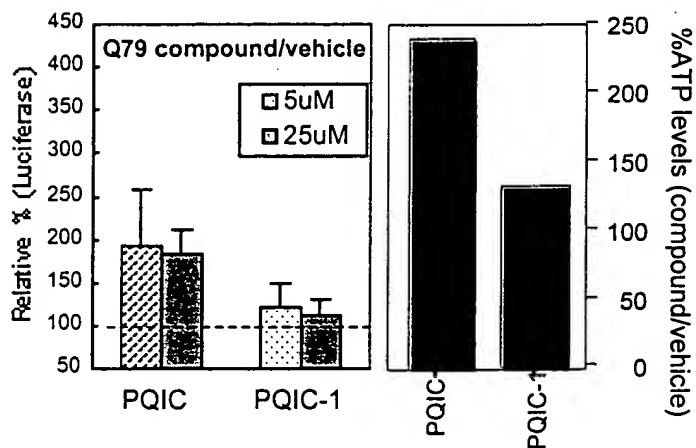
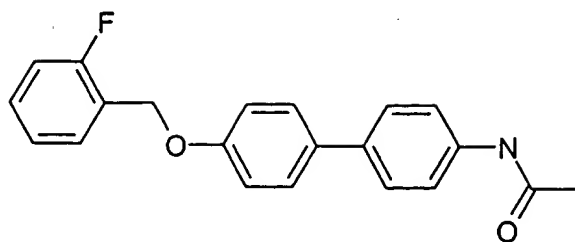


Fig. 14B

PQIC



PQIC

PQIC : 1 = H
 PQIC-1 : 1 = NO₂⁻

CBL#243678
 CBL#243676

Fig. 14C

Pubchem: 04062860

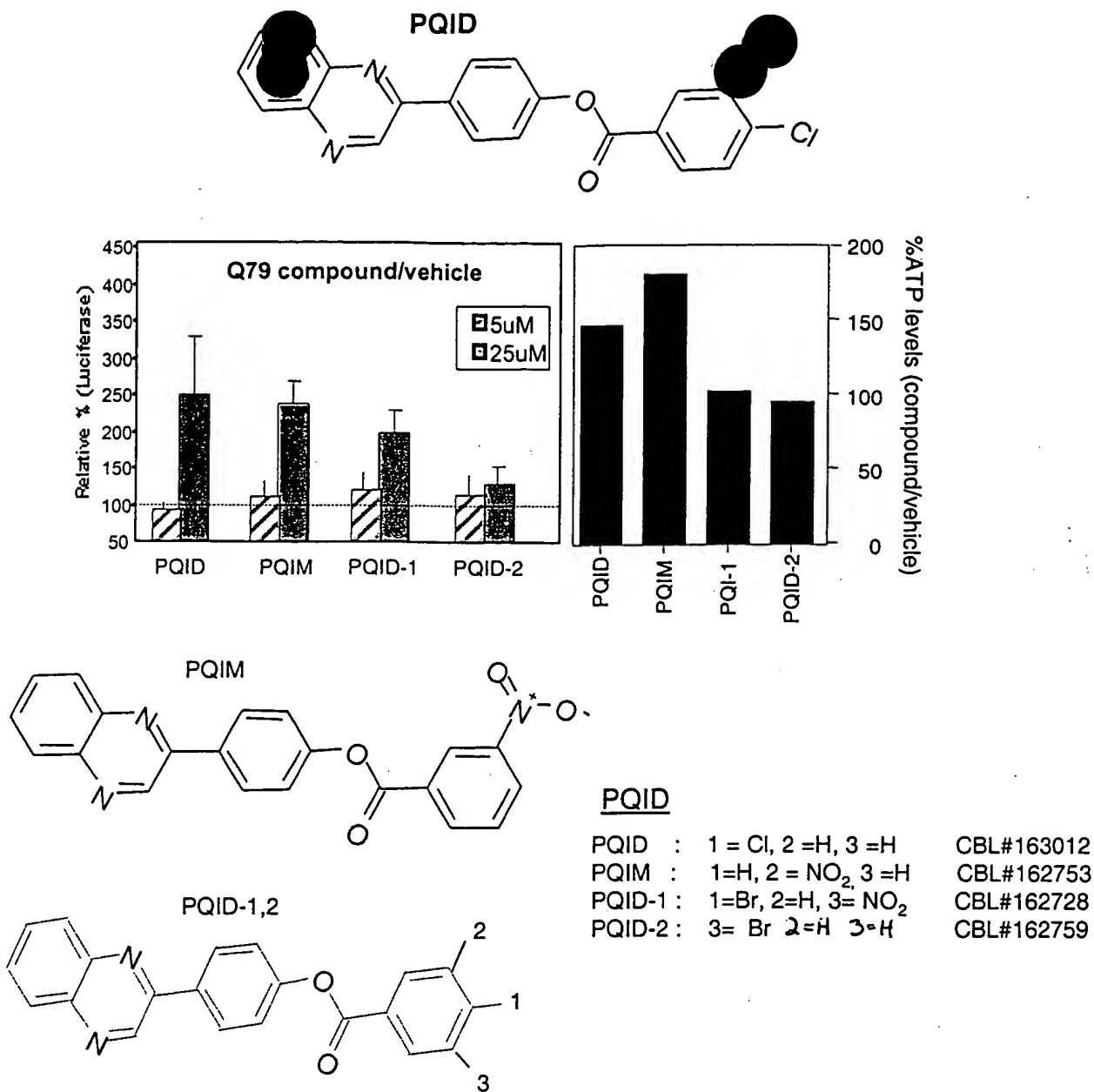
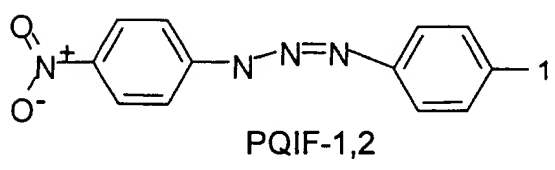
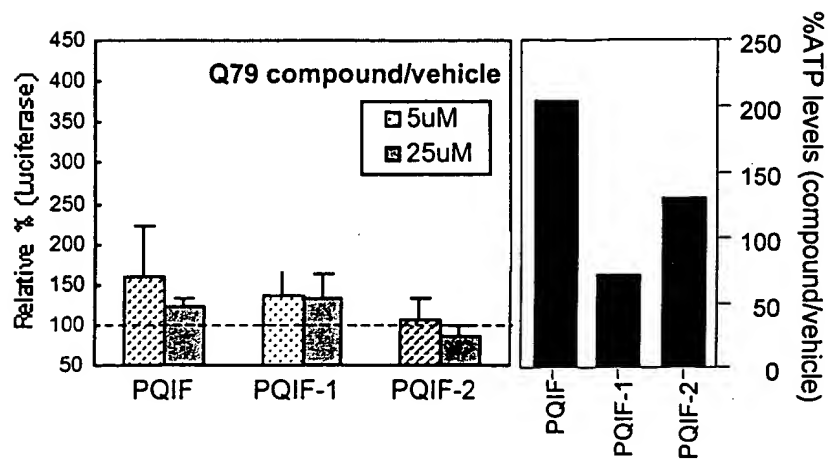
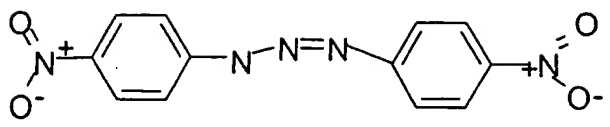


Fig. 14D

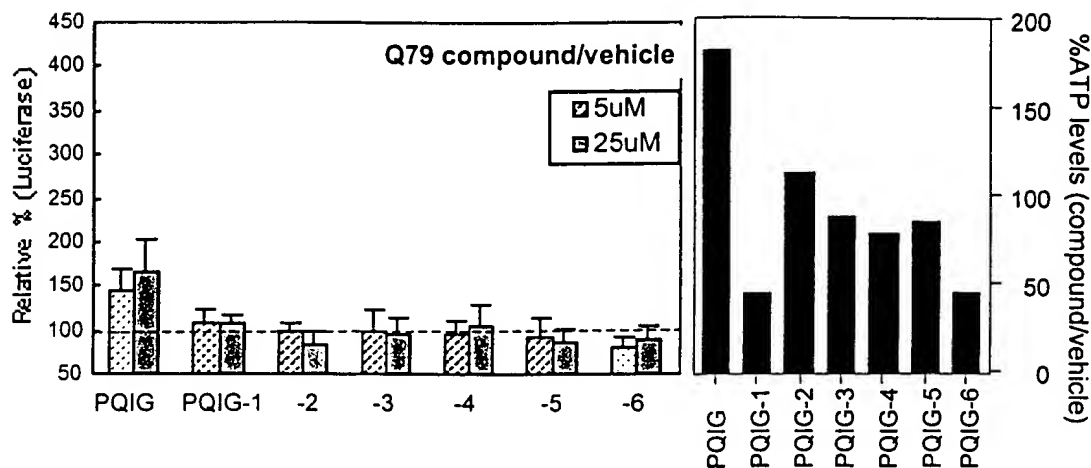
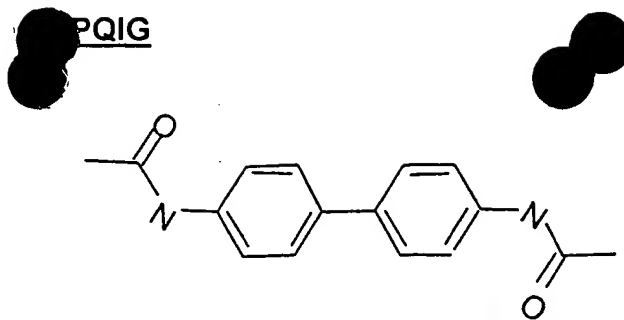
PQIF



PQIF

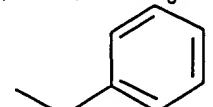
- | | | |
|--------|----------------------|------------|
| PQIF | : 1= NO ₂ | CBL#100707 |
| PQIF-1 | : 1=Br | CBL#122267 |
| PQIF-2 | : 1=O ₂ | CBL#136395 |

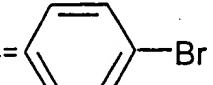
Fig. 14E

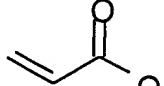


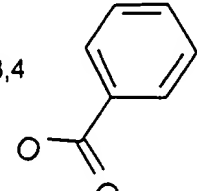
PQIG

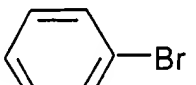
PQIG : 1= H, 2= H, 3= CH₃, 4= CH₃, 5= H CBL#104413

PQIG-1 : 3, 4=  1, 2, 5, 6= H CBL#104234

PQIG-2 : 1, 2= CH₃, 3, 4=  5, 6= H CBL#116574

PQIG-3 : 3, 4=  1, 2= H, 5, 6= CH₃ CBL# 105109

PQIG-4 : 3, 4=  1, 2, 5, 6= H CBL#105560

PQIG-5 : 3, 4=  1, 2, 5, 6= H CBL#116580


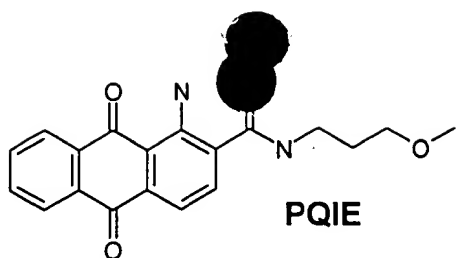
PQIG-6 : 3, 4=  1, 2, 5, 6= H CBL#153040

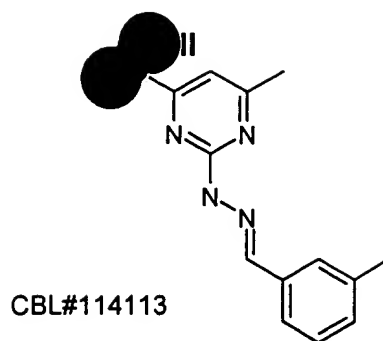
Fig. 14F

G

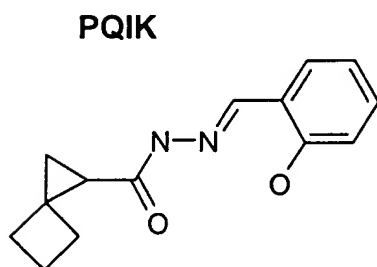


CBL#249429

J

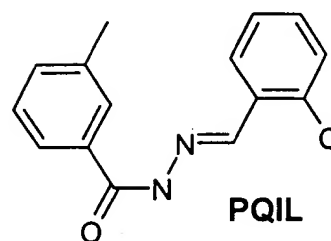


H



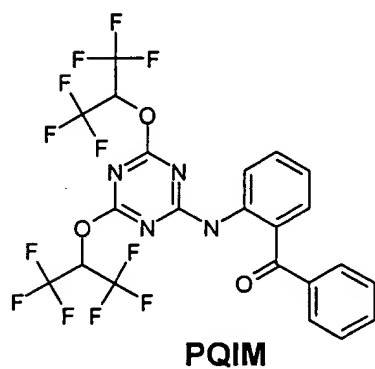
CBL#269475

K



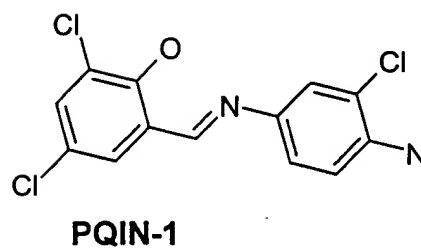
CBL#261511

I



CBL#162753

L

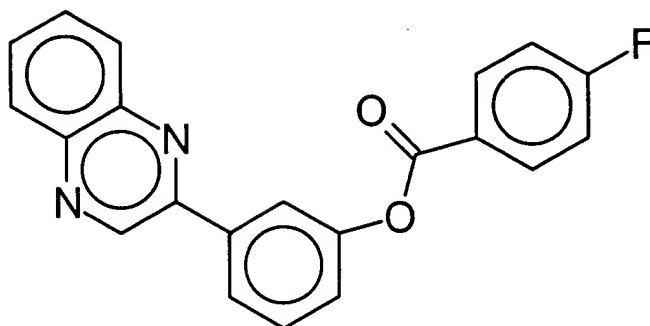


CBL#267402

Figs. 14G - 14L

1: CNC-43921

Fig. 15A



#2: CNC-43267

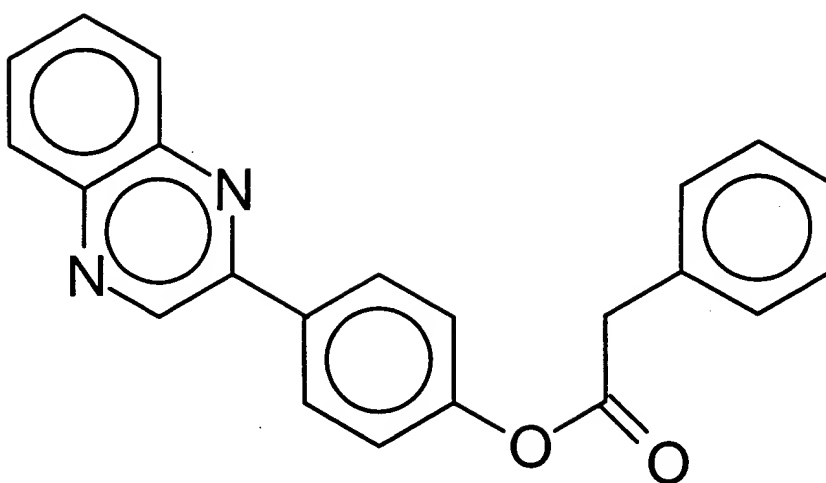
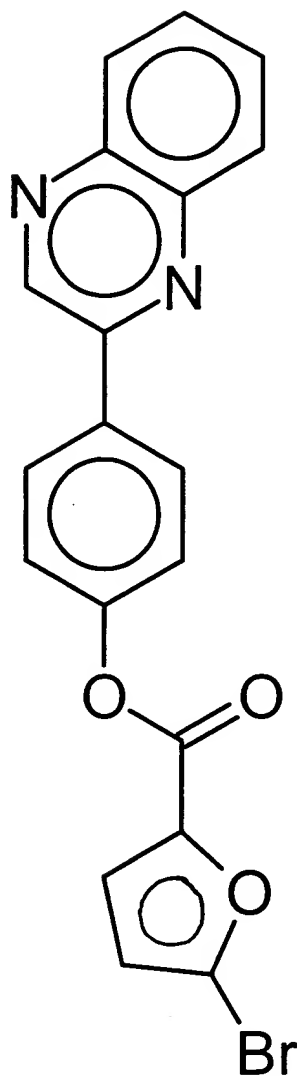


Fig. 15B



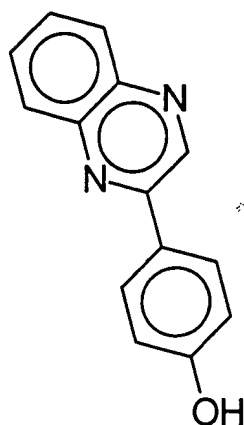
CNC - 49867

Fig. 15C



4 CNC-49867

Fig. 15D



#5: CNC - 54580

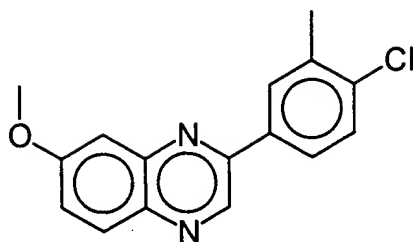


Fig. 15E

#6: CNC - 42175

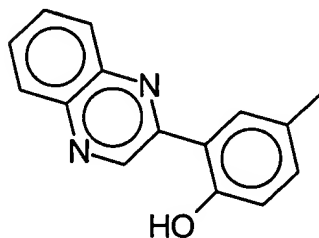


Fig. 15F

#7: CNC-42379

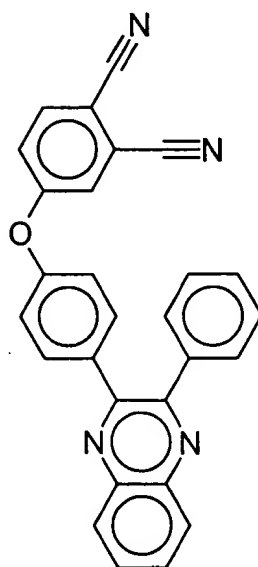


Fig. 15G

#8: CNC-46308

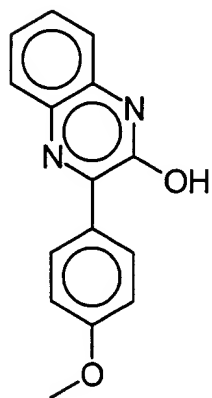


Fig. 15H

#9: CNC-46793

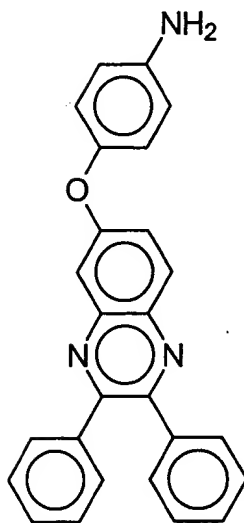


Fig. 15I

10: CNC-49373

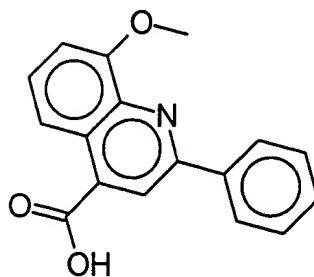
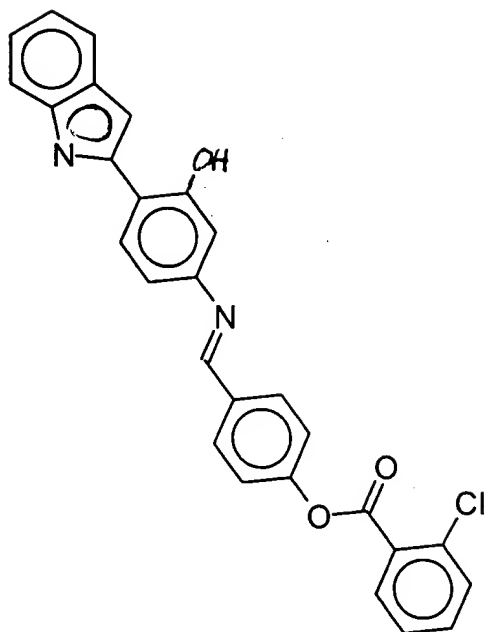


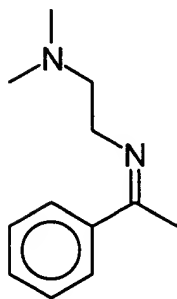
Fig. 15J

Fig. 15K

1: CNC-57277



#1: CNC-556240



2 CNC-526900

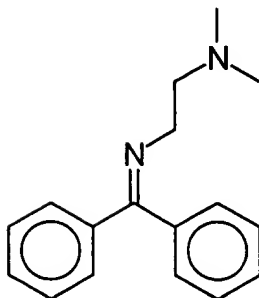
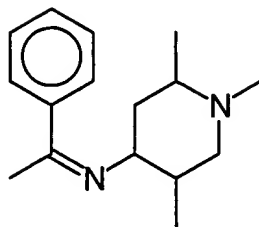


Fig. 15L

Fig. 15M

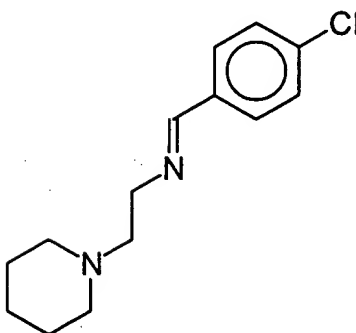
3: CNC-431893

Fig. 15N



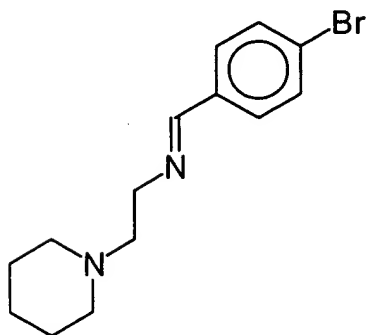
#4 : CNC-523618

Fig. 15O



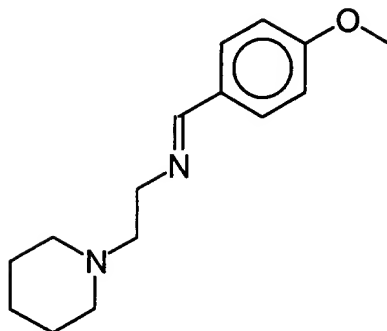
#5 : CNC-555148

Fig. 15P



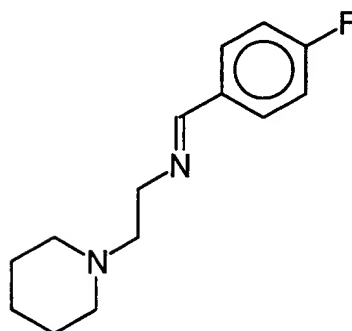
6: CNC-521484

Fig. 15Q



#7: CNC-543738

Fig. 15R



#8: CNC-529717

Fig. 15S

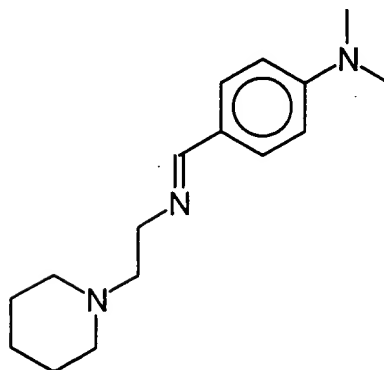
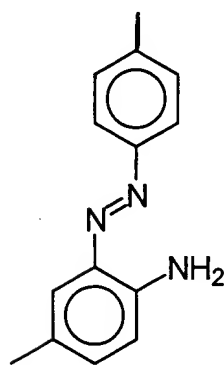


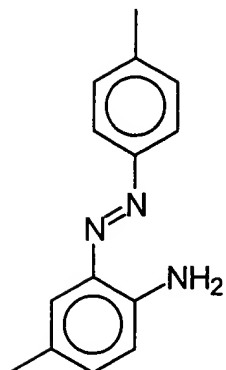
Fig. 16A

#1: CNC-289284



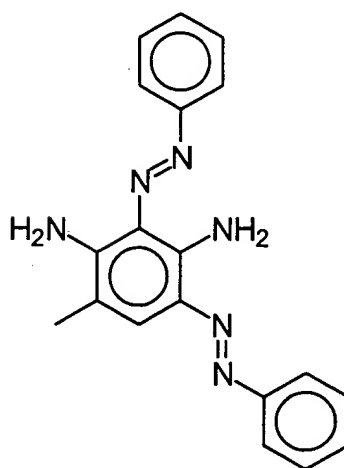
#2: CNC-1069242

Fig. 16B



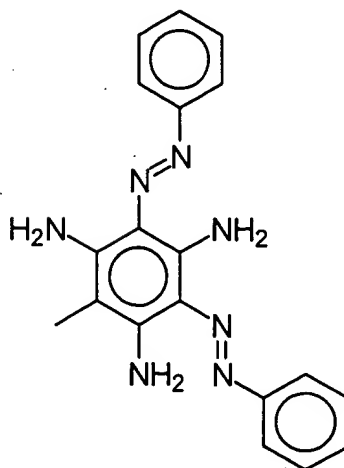
#3: CNC-287671

Fig. 16C

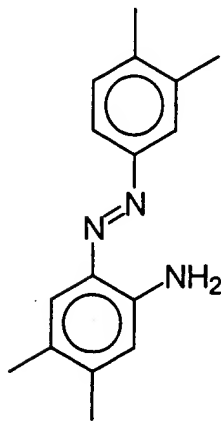


#4: CNC-287227

Fig. 16D

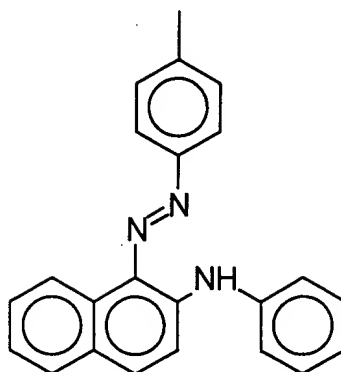


Case	Age	Sex	Duration	Location	Findings	Comments
1	25	M	10 years	Left eye	Small, dark, pigmented lesion	Benign melanocytic nevus
2	35	F	5 years	Right eye	Large, raised, pigmented lesion	Malignant melanoma
3	45	M	2 years	Left eye	Small, dark, pigmented lesion	Benign melanocytic nevus
4	55	F	15 years	Right eye	Large, raised, pigmented lesion	Malignant melanoma
5	65	M	8 years	Left eye	Small, dark, pigmented lesion	Benign melanocytic nevus
6	75	F	3 years	Right eye	Large, raised, pigmented lesion	Malignant melanoma
7	85	M	12 years	Left eye	Small, dark, pigmented lesion	Benign melanocytic nevus
8	95	F	7 years	Right eye	Large, raised, pigmented lesion	Malignant melanoma



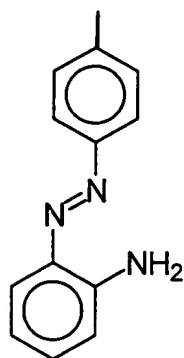
#7 : CNC-1308309

Fig. 16F



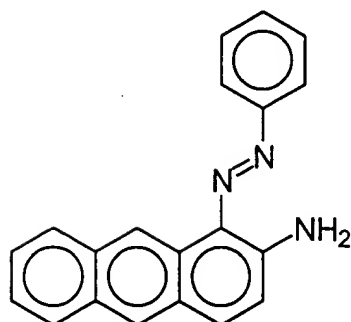
#8 : CNC-1069226

Fig. 16G



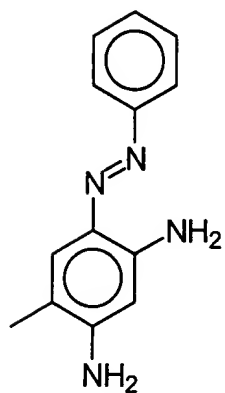
#9 : CNC-290524

Fig. 16H



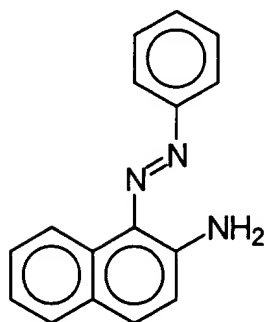
10 : CNC-609843

Fig. 16I



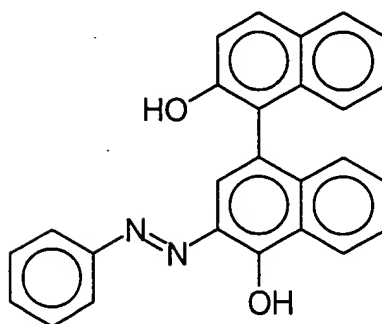
#11 : CNC-1059876

Fig. 16J



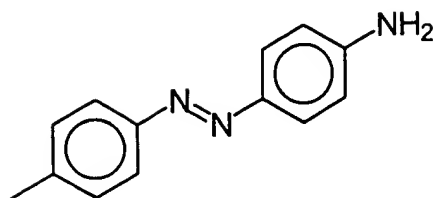
#12: CNC-300196

Fig. 16K



#13: CNC-287437

Fig. 16L

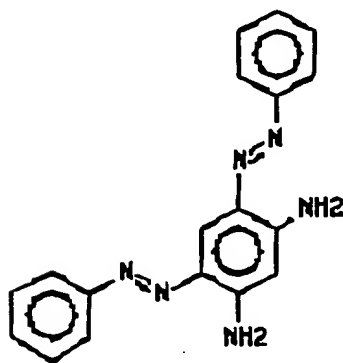


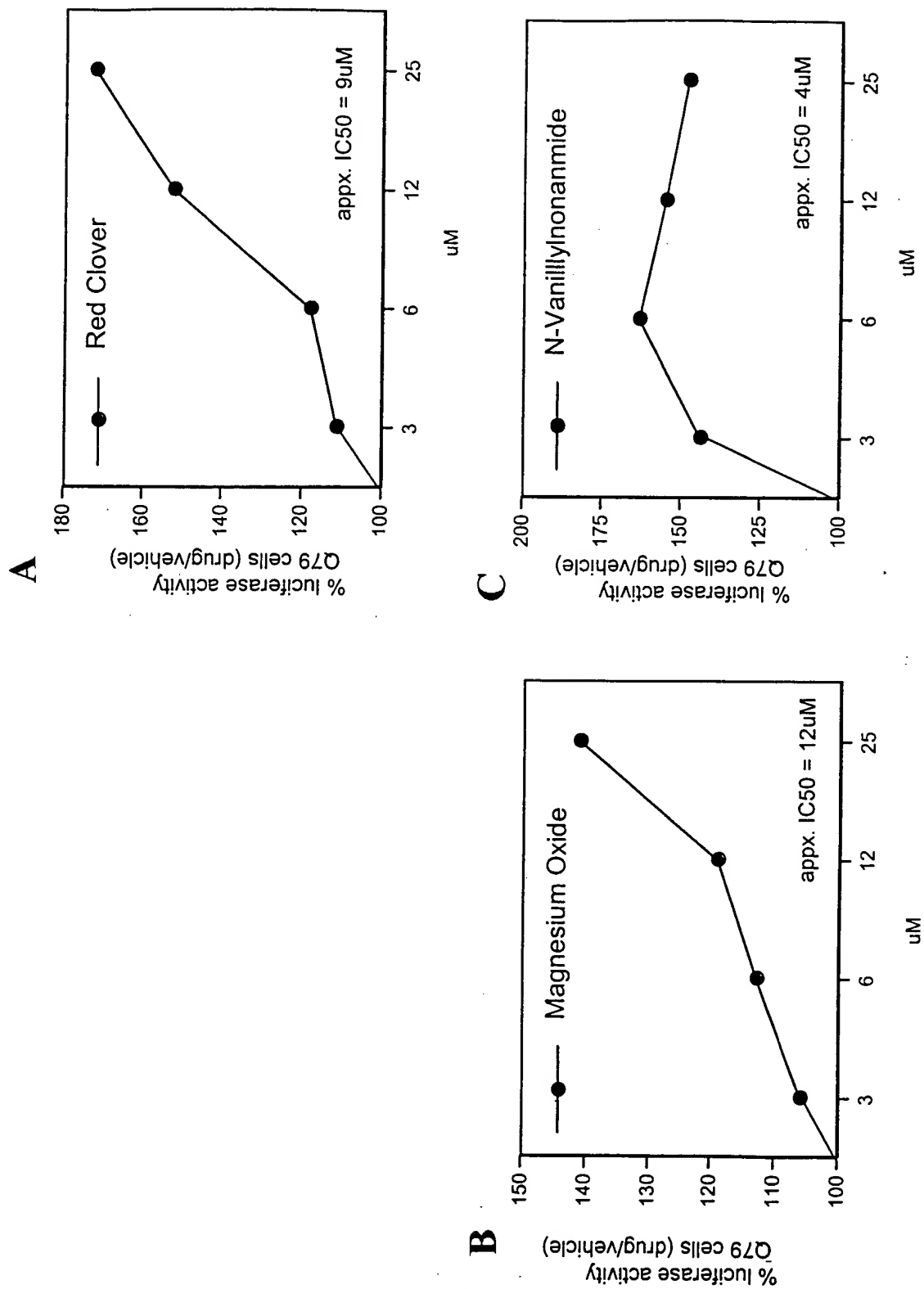
14 CNC-301181

15 CNC-628178

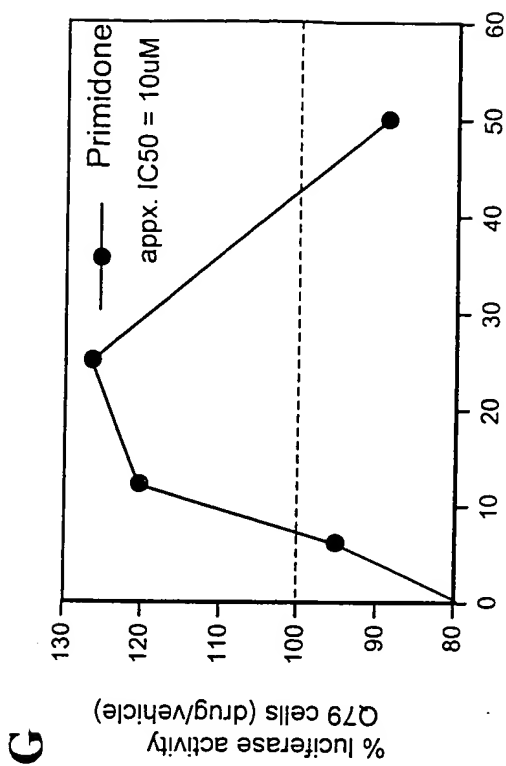
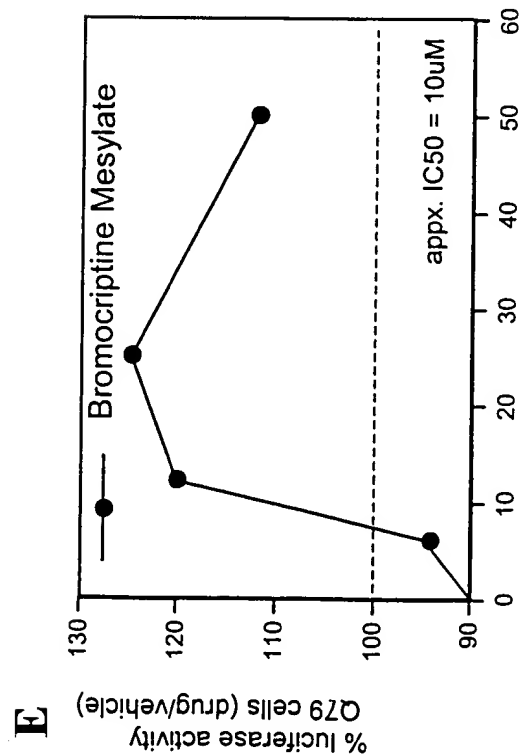
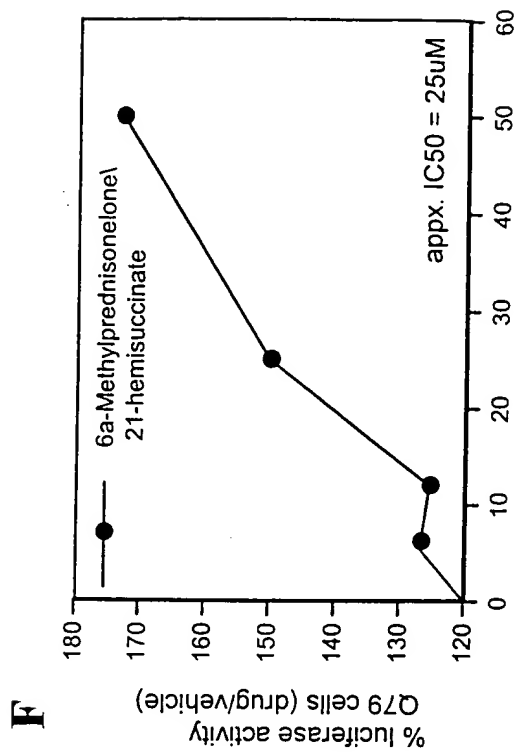
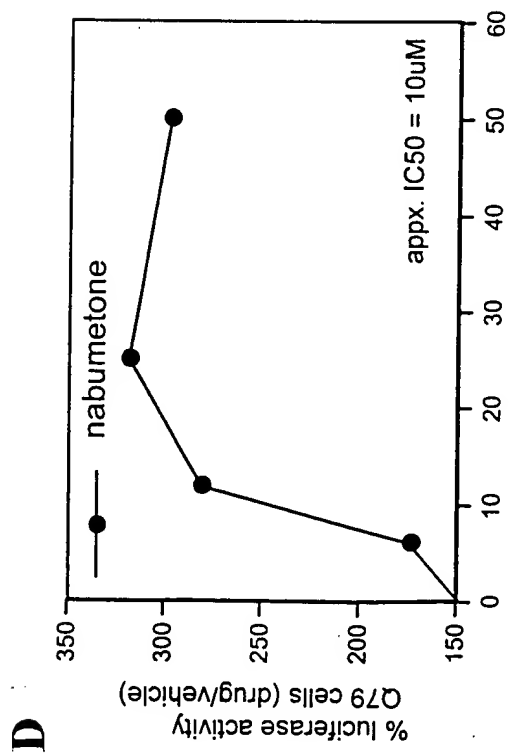
#16: CNC-1292419

Fig. 16M

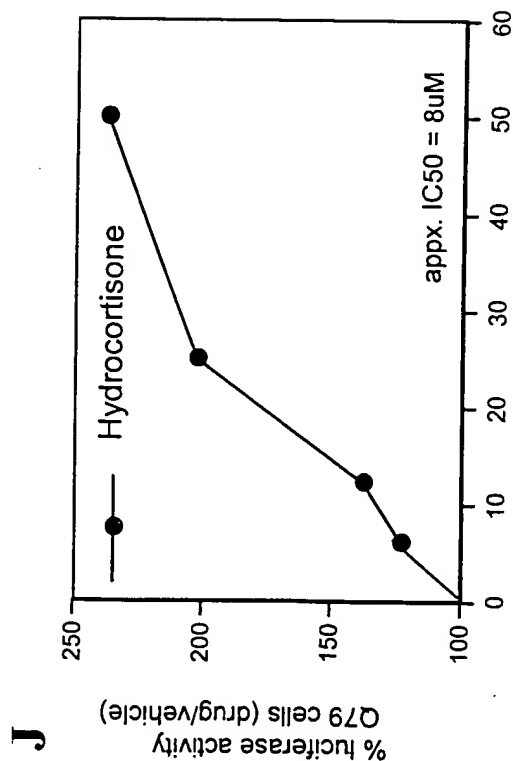
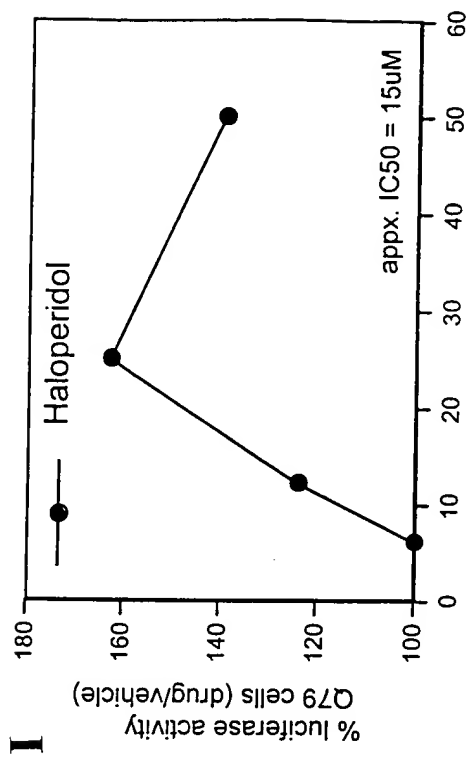
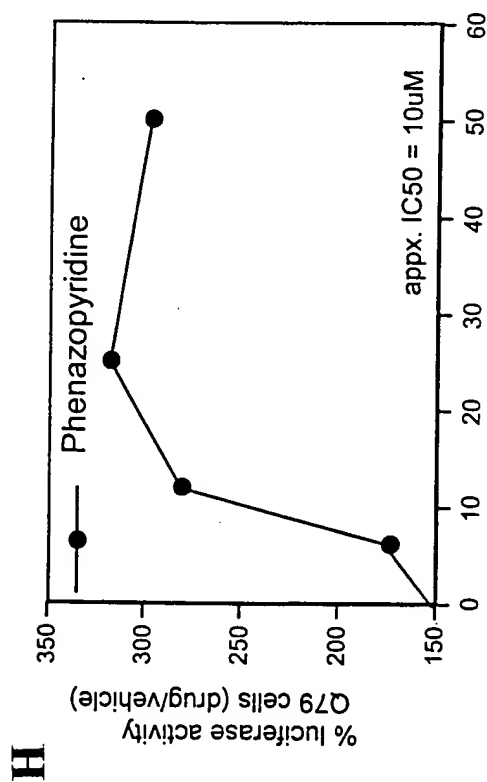




Figs. 17A - 17C



Figs. 17D - 17G



Figs. 17H - 17J

TOC000000000000

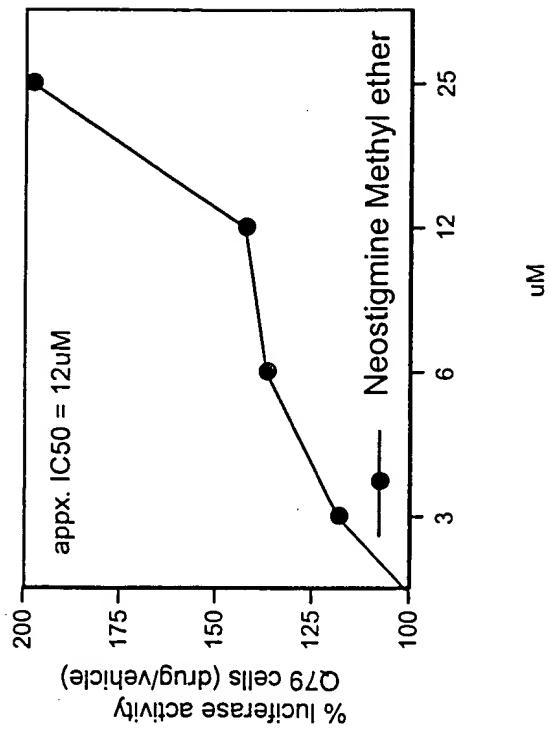
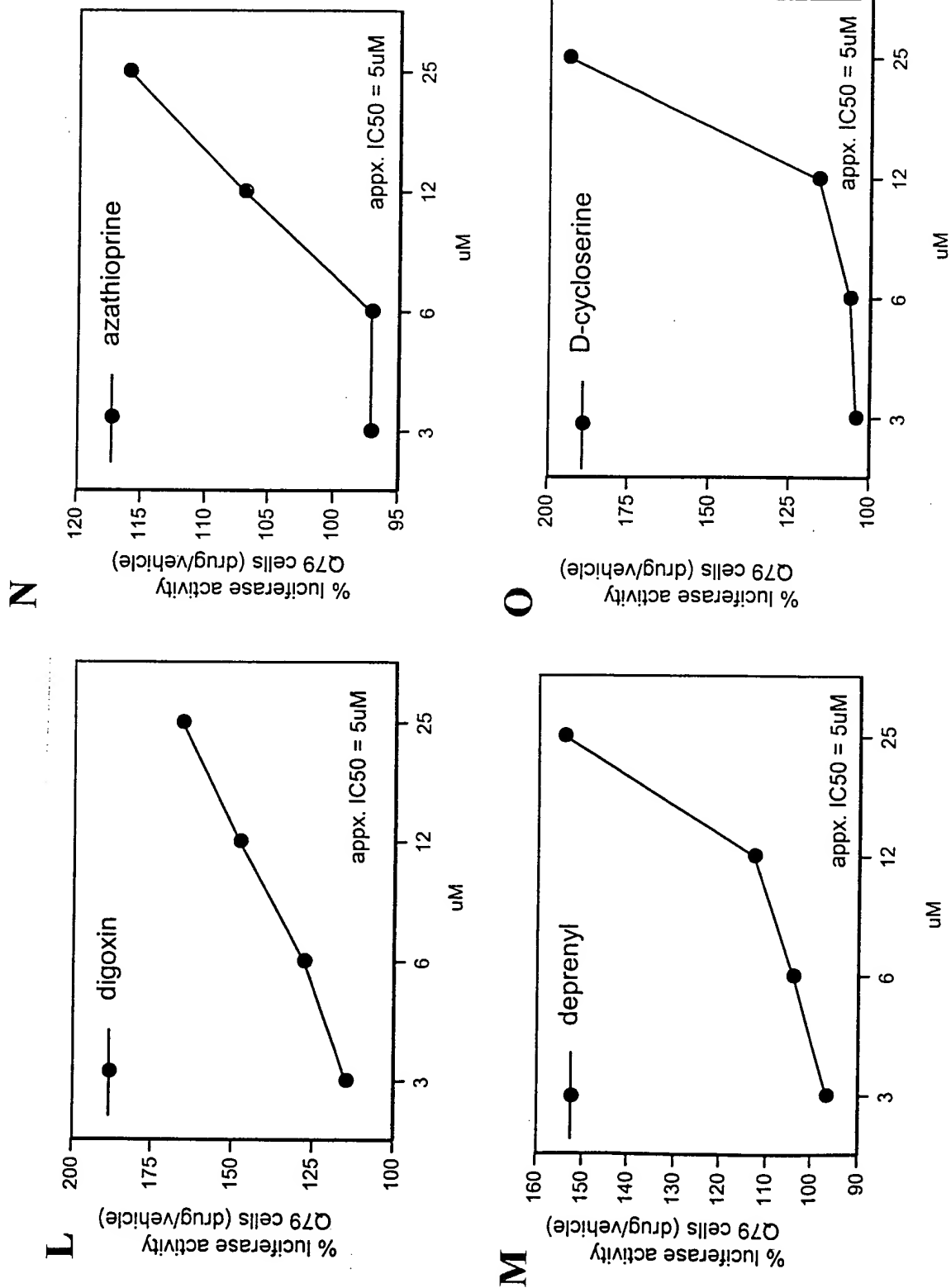
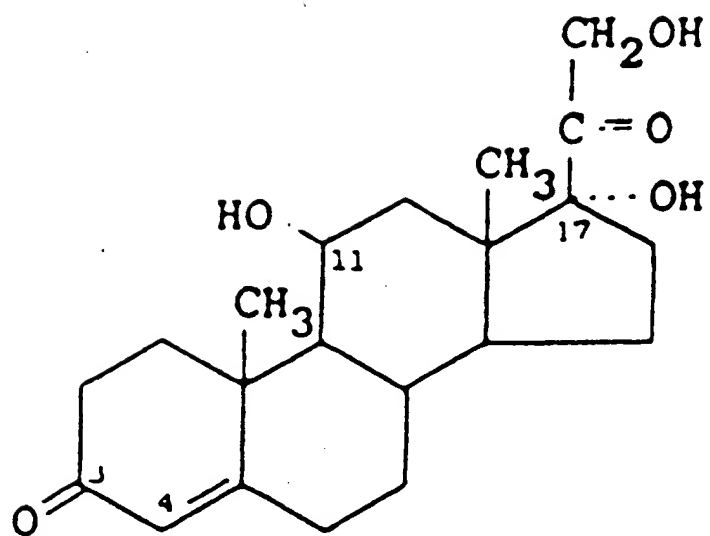


Fig. 17K



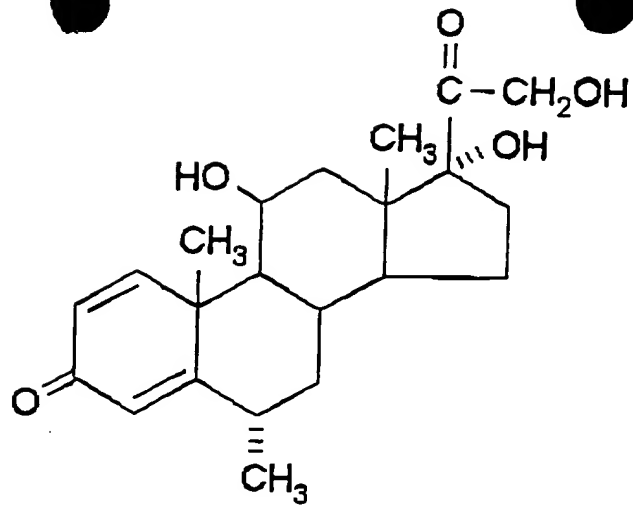
Figs. 17L -17O

TOBACCO-CHOCOLATE



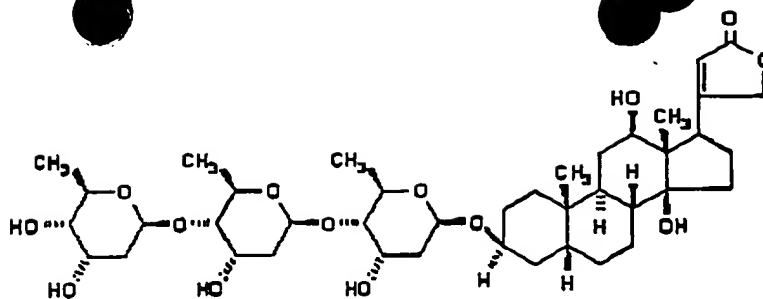
hydrocortisone

Fig. 18A



6- α Methylprednisolone 21-hemisuccinate

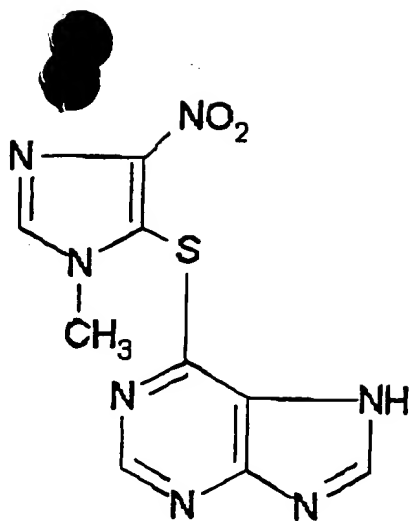
Fig. 18B



Digoxin

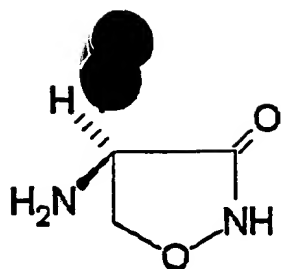
Fig. 18C

FIG. 18C: 04062960



azathioprine

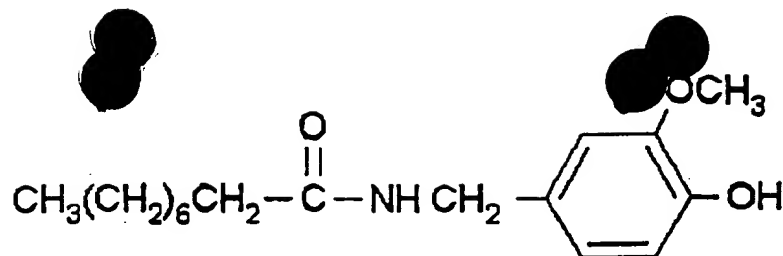
Fig. 18D



D-cycloserine

09329040-04052860

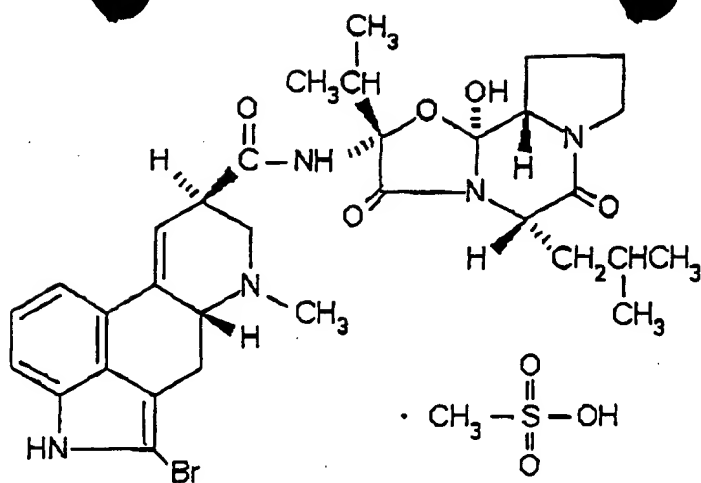
Fig. 18E



N-Vanillylnonanamide

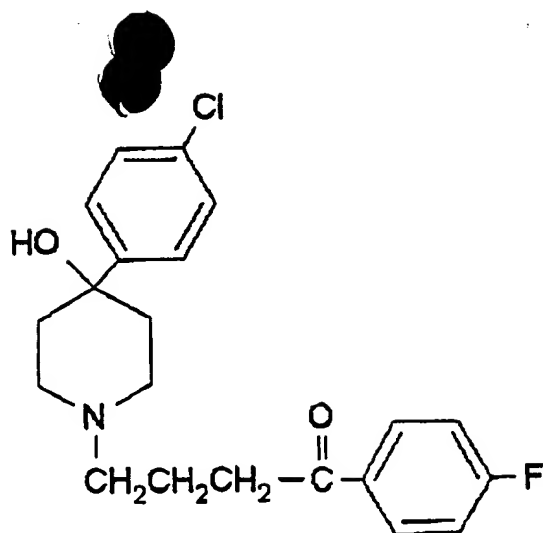
FIG. 18F

Fig. 18F



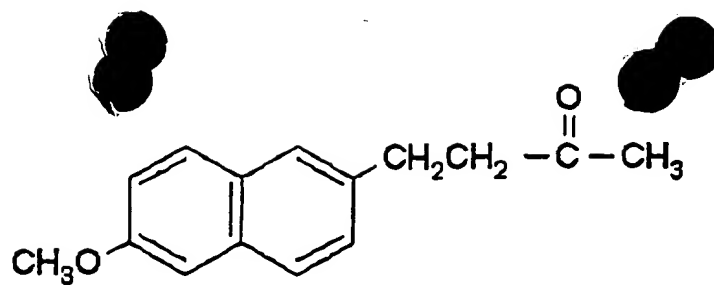
bromocriptine mesylate

Fig. 18G



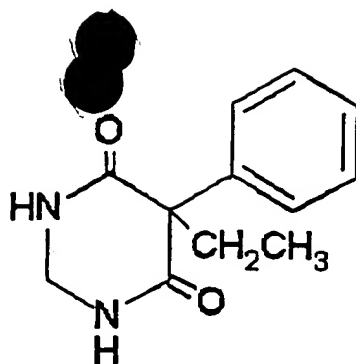
Haloperidol

Fig. 18H



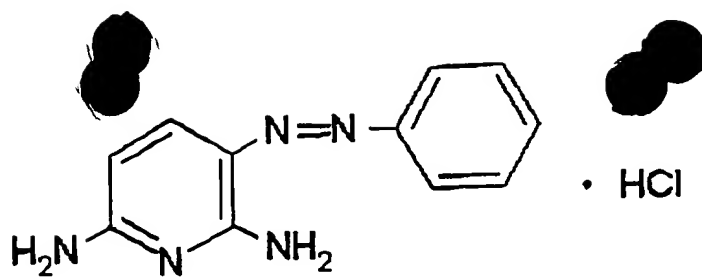
Nabumetone

Fig. 18I



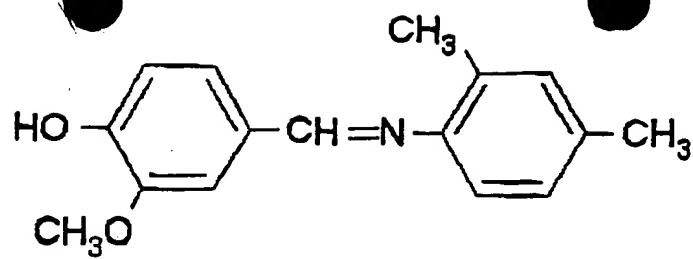
Primidone

Fig. 18J



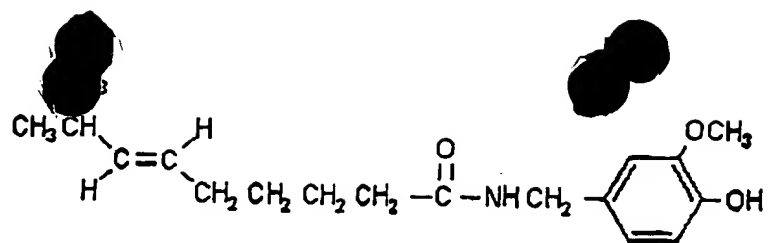
Phenazopyridine

Fig. 18K



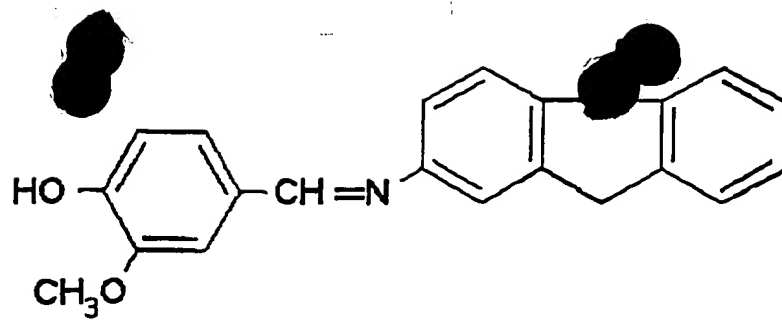
N-Vanillylidene

Fig. 18L



8-methyl-N-vanillyl-6-nonenamide

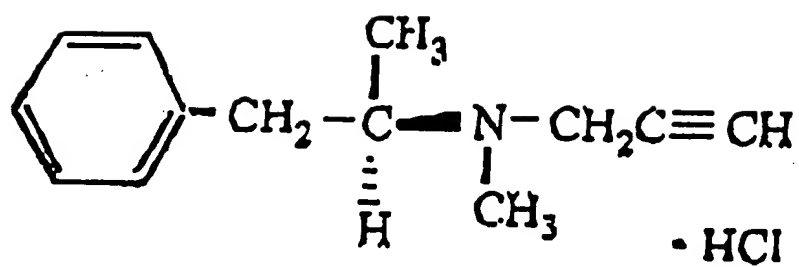
Fig. 18M



2-(N-Vanillylideneamino)-Fluorene

TO6070-04062860

Fig. 18N



R-(-)-deprenyl hydrochloride

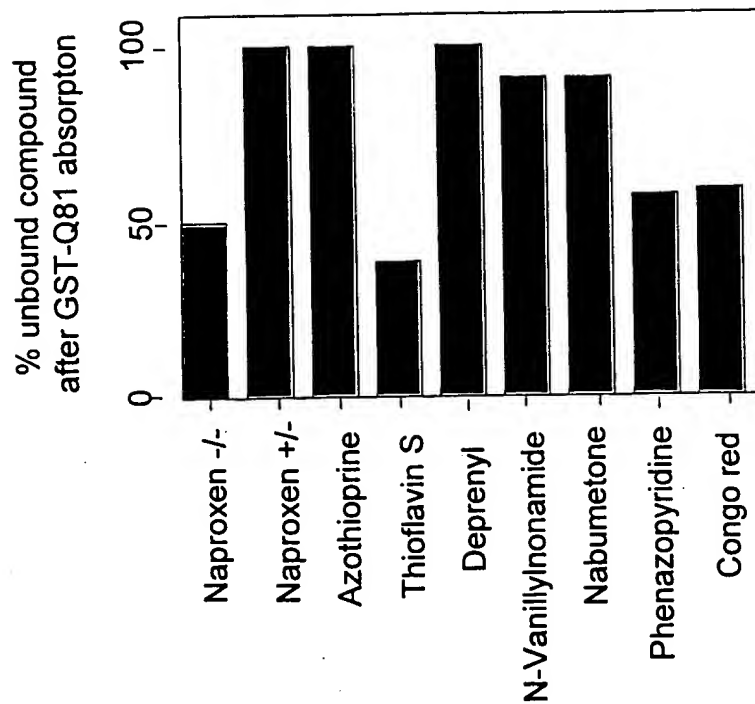


Fig. 19